

**TABLE OF JULIAN DAY NUMBERS  
1950 – 2100**

**D.G. SIMPSON**

**JUNE 2012**



**GODDARD SPACE FLIGHT CENTER**  
**GREENBELT, MARYLAND**

**TABLE OF JULIAN DAY NUMBERS**

**1950 – 2100**

**D. G. Simpson**

**Science Data Processing Branch**

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## **ABSTRACT**

This document tabulates the Julian day numbers at 00:00 hours Universal Time for each day for the years 1950 – 2100.

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## TABLE OF JULIAN DAY NUMBERS, 1950 – 2100

### INTRODUCTION

The *Julian day number* is a uniform time scale often used in astronomy and related applications. It is defined to be the total number of days elapsed since 12h UT (universal time) on Monday, January 1, 4713 B.C. (on the Old Style, or Julian, calendar). The Julian day number is often convenient as a uniform time axis for plotting, or as a simple method for computing the number of days between two calendar dates.

The following pages give the Julian day numbers at 0h UT for each day for the 151 years between 1950 and 2100. The three digits at the top of each column should be added in front of the number tabulated. For example, the Julian day for January 1, 1950, 0h UT is 2433282.5.

A fractional day may be added to the Julian day numbers tabulated. For example, for 18h UT on January 1, 1950, the Julian day number is  $2433282.5 + 18/24 = 2433283.25$ .

To find the *Modified Julian Day* (MJD), subtract 2400000.5 from the Julian day number. For example, the Modified Julian Day for January 1, 1950, 18h UT is 33282.75.

To find the day of week for any date, add 1.5 to the tabulated Julian day number and divide the result by 7. A remainder of 0 indicates a Sunday, 1 a Monday, 2 a Tuesday, 3 a Wednesday, 4 a Thursday, 5 a Friday, and 6 a Saturday. For example, the tabulated Julian day number for January 1, 1950 is 2433282.5. Adding 1.5 and dividing by 7 gives 347612 with a remainder of 0, so this date is a Sunday.

Reference: *Astronomical Algorithms* (2<sup>nd</sup> ed.) by Jean Meeus. Willmann-Bell, Richmond, 1998.

## JULIAN DAYS, 1950

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>243</b>		<b>243</b>		<b>243</b>		<b>243</b>
Jan.	0 3281.5	Feb.	15 3327.5	Apr.	2 3373.5	May	18 3419.5
	1 3282.5		16 3328.5		3 3374.5		19 3420.5
	2 3283.5		17 3329.5		4 3375.5		20 3421.5
	3 3284.5		18 3330.5		5 3376.5		21 3422.5
	4 3285.5		19 3331.5		6 3377.5		22 3423.5
	5 3286.5		20 3332.5		7 3378.5		23 3424.5
	6 3287.5		21 3333.5		8 3379.5		24 3425.5
	7 3288.5		22 3334.5		9 3380.5		25 3426.5
	8 3289.5		23 3335.5		10 3381.5		26 3427.5
	9 3290.5		24 3336.5		11 3382.5		27 3428.5
	10 3291.5		25 3337.5		12 3383.5		28 3429.5
	11 3292.5		26 3338.5		13 3384.5		29 3430.5
	12 3293.5		27 3339.5		14 3385.5		30 3431.5
	13 3294.5		28 3340.5		15 3386.5		31 3432.5
	14 3295.5	Mar.	1 3341.5		16 3387.5	June	1 3433.5
	15 3296.5		2 3342.5		17 3388.5		2 3434.5
	16 3297.5		3 3343.5		18 3389.5		3 3435.5
	17 3298.5		4 3344.5		19 3390.5		4 3436.5
	18 3299.5		5 3345.5		20 3391.5		5 3437.5
	19 3300.5		6 3346.5		21 3392.5		6 3438.5
	20 3301.5		7 3347.5		22 3393.5		7 3439.5
	21 3302.5		8 3348.5		23 3394.5		8 3440.5
	22 3303.5		9 3349.5		24 3395.5		9 3441.5
	23 3304.5		10 3350.5		25 3396.5		10 3442.5
	24 3305.5		11 3351.5		26 3397.5		11 3443.5
	25 3306.5		12 3352.5		27 3398.5		12 3444.5
	26 3307.5		13 3353.5		28 3399.5		13 3445.5
	27 3308.5		14 3354.5		29 3400.5		14 3446.5
	28 3309.5		15 3355.5		30 3401.5		15 3447.5
	29 3310.5		16 3356.5	May	1 3402.5		16 3448.5
	30 3311.5		17 3357.5		2 3403.5		17 3449.5
	31 3312.5		18 3358.5		3 3404.5		18 3450.5
Feb.	1 3313.5		19 3359.5		4 3405.5		19 3451.5
	2 3314.5		20 3360.5		5 3406.5		20 3452.5
	3 3315.5		21 3361.5		6 3407.5		21 3453.5
	4 3316.5		22 3362.5		7 3408.5		22 3454.5
	5 3317.5		23 3363.5		8 3409.5		23 3455.5
	6 3318.5		24 3364.5		9 3410.5		24 3456.5
	7 3319.5		25 3365.5		10 3411.5		25 3457.5
	8 3320.5		26 3366.5		11 3412.5		26 3458.5
	9 3321.5		27 3367.5		12 3413.5		27 3459.5
	10 3322.5		28 3368.5		13 3414.5		28 3460.5
	11 3323.5		29 3369.5		14 3415.5		29 3461.5
	12 3324.5		30 3370.5		15 3416.5		30 3462.5
	13 3325.5		31 3371.5		16 3417.5	July	1 3463.5
	14 3326.5	Apr.	1 3372.5		17 3418.5		2 3464.5

## JULIAN DAYS, 1950

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>243</b>		<b>243</b>		<b>243</b>		<b>243</b>
July	1 3463.5	Aug.	16 3509.5	Oct.	1 3555.5	Nov.	16 3601.5
	2 3464.5		17 3510.5		2 3556.5		17 3602.5
	3 3465.5		18 3511.5		3 3557.5		18 3603.5
	4 3466.5		19 3512.5		4 3558.5		19 3604.5
	5 3467.5		20 3513.5		5 3559.5		20 3605.5
	6 3468.5		21 3514.5		6 3560.5		21 3606.5
	7 3469.5		22 3515.5		7 3561.5		22 3607.5
	8 3470.5		23 3516.5		8 3562.5		23 3608.5
	9 3471.5		24 3517.5		9 3563.5		24 3609.5
	10 3472.5		25 3518.5		10 3564.5		25 3610.5
	11 3473.5		26 3519.5		11 3565.5		26 3611.5
	12 3474.5		27 3520.5		12 3566.5		27 3612.5
	13 3475.5		28 3521.5		13 3567.5		28 3613.5
	14 3476.5		29 3522.5		14 3568.5		29 3614.5
	15 3477.5		30 3523.5		15 3569.5		30 3615.5
	16 3478.5		31 3524.5		16 3570.5	Dec.	1 3616.5
	17 3479.5	Sept.	1 3525.5		17 3571.5		2 3617.5
	18 3480.5		2 3526.5		18 3572.5		3 3618.5
	19 3481.5		3 3527.5		19 3573.5		4 3619.5
	20 3482.5		4 3528.5		20 3574.5		5 3620.5
	21 3483.5		5 3529.5		21 3575.5		6 3621.5
	22 3484.5		6 3530.5		22 3576.5		7 3622.5
	23 3485.5		7 3531.5		23 3577.5		8 3623.5
	24 3486.5		8 3532.5		24 3578.5		9 3624.5
	25 3487.5		9 3533.5		25 3579.5		10 3625.5
	26 3488.5		10 3534.5		26 3580.5		11 3626.5
	27 3489.5		11 3535.5		27 3581.5		12 3627.5
	28 3490.5		12 3536.5		28 3582.5		13 3628.5
	29 3491.5		13 3537.5		29 3583.5		14 3629.5
	30 3492.5		14 3538.5		30 3584.5		15 3630.5
	31 3493.5		15 3539.5		31 3585.5		16 3631.5
Aug.	1 3494.5		16 3540.5	Nov.	1 3586.5		17 3632.5
	2 3495.5		17 3541.5		2 3587.5		18 3633.5
	3 3496.5		18 3542.5		3 3588.5		19 3634.5
	4 3497.5		19 3543.5		4 3589.5		20 3635.5
	5 3498.5		20 3544.5		5 3590.5		21 3636.5
	6 3499.5		21 3545.5		6 3591.5		22 3637.5
	7 3500.5		22 3546.5		7 3592.5		23 3638.5
	8 3501.5		23 3547.5		8 3593.5		24 3639.5
	9 3502.5		24 3548.5		9 3594.5		25 3640.5
	10 3503.5		25 3549.5		10 3595.5		26 3641.5
	11 3504.5		26 3550.5		11 3596.5		27 3642.5
	12 3505.5		27 3551.5		12 3597.5		28 3643.5
	13 3506.5		28 3552.5		13 3598.5		29 3644.5
	14 3507.5		29 3553.5		14 3599.5		30 3645.5
	15 3508.5		30 3554.5		15 3600.5		31 3646.5

# JULIAN DAYS, 1951

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>243</b>		<b>243</b>		<b>243</b>		<b>243</b>
Jan.	0 <b>3646.5</b>	Feb.	15 <b>3692.5</b>	Apr.	2 <b>3738.5</b>	May	18 <b>3784.5</b>
	1 <b>3647.5</b>		16 <b>3693.5</b>		3 <b>3739.5</b>		19 <b>3785.5</b>
	2 <b>3648.5</b>		17 <b>3694.5</b>		4 <b>3740.5</b>		20 <b>3786.5</b>
	3 <b>3649.5</b>		18 <b>3695.5</b>		5 <b>3741.5</b>		21 <b>3787.5</b>
	4 <b>3650.5</b>		19 <b>3696.5</b>		6 <b>3742.5</b>		22 <b>3788.5</b>
	5 <b>3651.5</b>		20 <b>3697.5</b>		7 <b>3743.5</b>		23 <b>3789.5</b>
	6 <b>3652.5</b>		21 <b>3698.5</b>		8 <b>3744.5</b>		24 <b>3790.5</b>
	7 <b>3653.5</b>		22 <b>3699.5</b>		9 <b>3745.5</b>		25 <b>3791.5</b>
	8 <b>3654.5</b>		23 <b>3700.5</b>		10 <b>3746.5</b>		26 <b>3792.5</b>
	9 <b>3655.5</b>		24 <b>3701.5</b>		11 <b>3747.5</b>		27 <b>3793.5</b>
	10 <b>3656.5</b>		25 <b>3702.5</b>		12 <b>3748.5</b>		28 <b>3794.5</b>
	11 <b>3657.5</b>		26 <b>3703.5</b>		13 <b>3749.5</b>		29 <b>3795.5</b>
	12 <b>3658.5</b>		27 <b>3704.5</b>		14 <b>3750.5</b>		30 <b>3796.5</b>
	13 <b>3659.5</b>		28 <b>3705.5</b>		15 <b>3751.5</b>		31 <b>3797.5</b>
	14 <b>3660.5</b>	Mar.	1 <b>3706.5</b>		16 <b>3752.5</b>	June	1 <b>3798.5</b>
	15 <b>3661.5</b>		2 <b>3707.5</b>		17 <b>3753.5</b>		2 <b>3799.5</b>
	16 <b>3662.5</b>		3 <b>3708.5</b>		18 <b>3754.5</b>		3 <b>3800.5</b>
	17 <b>3663.5</b>		4 <b>3709.5</b>		19 <b>3755.5</b>		4 <b>3801.5</b>
	18 <b>3664.5</b>		5 <b>3710.5</b>		20 <b>3756.5</b>		5 <b>3802.5</b>
	19 <b>3665.5</b>		6 <b>3711.5</b>		21 <b>3757.5</b>		6 <b>3803.5</b>
	20 <b>3666.5</b>		7 <b>3712.5</b>		22 <b>3758.5</b>		7 <b>3804.5</b>
	21 <b>3667.5</b>		8 <b>3713.5</b>		23 <b>3759.5</b>		8 <b>3805.5</b>
	22 <b>3668.5</b>		9 <b>3714.5</b>		24 <b>3760.5</b>		9 <b>3806.5</b>
	23 <b>3669.5</b>		10 <b>3715.5</b>		25 <b>3761.5</b>		10 <b>3807.5</b>
	24 <b>3670.5</b>		11 <b>3716.5</b>		26 <b>3762.5</b>		11 <b>3808.5</b>
	25 <b>3671.5</b>		12 <b>3717.5</b>		27 <b>3763.5</b>		12 <b>3809.5</b>
	26 <b>3672.5</b>		13 <b>3718.5</b>		28 <b>3764.5</b>		13 <b>3810.5</b>
	27 <b>3673.5</b>		14 <b>3719.5</b>		29 <b>3765.5</b>		14 <b>3811.5</b>
	28 <b>3674.5</b>		15 <b>3720.5</b>		30 <b>3766.5</b>		15 <b>3812.5</b>
	29 <b>3675.5</b>		16 <b>3721.5</b>	May	1 <b>3767.5</b>		16 <b>3813.5</b>
	30 <b>3676.5</b>		17 <b>3722.5</b>		2 <b>3768.5</b>		17 <b>3814.5</b>
	31 <b>3677.5</b>		18 <b>3723.5</b>		3 <b>3769.5</b>		18 <b>3815.5</b>
Feb.	1 <b>3678.5</b>		19 <b>3724.5</b>		4 <b>3770.5</b>		19 <b>3816.5</b>
	2 <b>3679.5</b>		20 <b>3725.5</b>		5 <b>3771.5</b>		20 <b>3817.5</b>
	3 <b>3680.5</b>		21 <b>3726.5</b>		6 <b>3772.5</b>		21 <b>3818.5</b>
	4 <b>3681.5</b>		22 <b>3727.5</b>		7 <b>3773.5</b>		22 <b>3819.5</b>
	5 <b>3682.5</b>		23 <b>3728.5</b>		8 <b>3774.5</b>		23 <b>3820.5</b>
	6 <b>3683.5</b>		24 <b>3729.5</b>		9 <b>3775.5</b>		24 <b>3821.5</b>
	7 <b>3684.5</b>		25 <b>3730.5</b>		10 <b>3776.5</b>		25 <b>3822.5</b>
	8 <b>3685.5</b>		26 <b>3731.5</b>		11 <b>3777.5</b>		26 <b>3823.5</b>
	9 <b>3686.5</b>		27 <b>3732.5</b>		12 <b>3778.5</b>		27 <b>3824.5</b>
	10 <b>3687.5</b>		28 <b>3733.5</b>		13 <b>3779.5</b>		28 <b>3825.5</b>
	11 <b>3688.5</b>		29 <b>3734.5</b>		14 <b>3780.5</b>		29 <b>3826.5</b>
	12 <b>3689.5</b>		30 <b>3735.5</b>		15 <b>3781.5</b>		30 <b>3827.5</b>
	13 <b>3690.5</b>		31 <b>3736.5</b>		16 <b>3782.5</b>	July	1 <b>3828.5</b>
	14 <b>3691.5</b>	Apr.	1 <b>3737.5</b>		17 <b>3783.5</b>		2 <b>3829.5</b>



## JULIAN DAYS, 1951

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>243</b>		<b>243</b>		<b>243</b>		<b>243</b>
July	1 3828.5	Aug.	16 3874.5	Oct.	1 3920.5	Nov.	16 3966.5
	2 3829.5		17 3875.5		2 3921.5		17 3967.5
	3 3830.5		18 3876.5		3 3922.5		18 3968.5
	4 3831.5		19 3877.5		4 3923.5		19 3969.5
	5 3832.5		20 3878.5		5 3924.5		20 3970.5
	6 3833.5		21 3879.5		6 3925.5		21 3971.5
	7 3834.5		22 3880.5		7 3926.5		22 3972.5
	8 3835.5		23 3881.5		8 3927.5		23 3973.5
	9 3836.5		24 3882.5		9 3928.5		24 3974.5
	10 3837.5		25 3883.5		10 3929.5		25 3975.5
	11 3838.5		26 3884.5		11 3930.5		26 3976.5
	12 3839.5		27 3885.5		12 3931.5		27 3977.5
	13 3840.5		28 3886.5		13 3932.5		28 3978.5
	14 3841.5		29 3887.5		14 3933.5		29 3979.5
	15 3842.5		30 3888.5		15 3934.5		30 3980.5
	16 3843.5		31 3889.5		16 3935.5	Dec.	1 3981.5
	17 3844.5	Sept.	1 3890.5		17 3936.5		2 3982.5
	18 3845.5		2 3891.5		18 3937.5		3 3983.5
	19 3846.5		3 3892.5		19 3938.5		4 3984.5
	20 3847.5		4 3893.5		20 3939.5		5 3985.5
	21 3848.5		5 3894.5		21 3940.5		6 3986.5
	22 3849.5		6 3895.5		22 3941.5		7 3987.5
	23 3850.5		7 3896.5		23 3942.5		8 3988.5
	24 3851.5		8 3897.5		24 3943.5		9 3989.5
	25 3852.5		9 3898.5		25 3944.5		10 3990.5
	26 3853.5		10 3899.5		26 3945.5		11 3991.5
	27 3854.5		11 3900.5		27 3946.5		12 3992.5
	28 3855.5		12 3901.5		28 3947.5		13 3993.5
	29 3856.5		13 3902.5		29 3948.5		14 3994.5
	30 3857.5		14 3903.5		30 3949.5		15 3995.5
	31 3858.5		15 3904.5		31 3950.5		16 3996.5
Aug.	1 3859.5		16 3905.5	Nov.	1 3951.5		17 3997.5
	2 3860.5		17 3906.5		2 3952.5		18 3998.5
	3 3861.5		18 3907.5		3 3953.5		19 3999.5
	4 3862.5		19 3908.5		4 3954.5		20 4000.5
	5 3863.5		20 3909.5		5 3955.5		21 4001.5
	6 3864.5		21 3910.5		6 3956.5		22 4002.5
	7 3865.5		22 3911.5		7 3957.5		23 4003.5
	8 3866.5		23 3912.5		8 3958.5		24 4004.5
	9 3867.5		24 3913.5		9 3959.5		25 4005.5
	10 3868.5		25 3914.5		10 3960.5		26 4006.5
	11 3869.5		26 3915.5		11 3961.5		27 4007.5
	12 3870.5		27 3916.5		12 3962.5		28 4008.5
	13 3871.5		28 3917.5		13 3963.5		29 4009.5
	14 3872.5		29 3918.5		14 3964.5		30 4010.5
	15 3873.5		30 3919.5		15 3965.5		31 4011.5

## JULIAN DAYS, 1952

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>243</b>		<b>243</b>		<b>243</b>		<b>243</b>
Jan.	0 <b>4011.5</b>	Feb.	15 <b>4057.5</b>	Apr.	1 <b>4103.5</b>	May	17 <b>4149.5</b>
	1 <b>4012.5</b>		16 <b>4058.5</b>		2 <b>4104.5</b>		18 <b>4150.5</b>
	2 <b>4013.5</b>		17 <b>4059.5</b>		3 <b>4105.5</b>		10 <b>4151.5</b>
	3 <b>4014.5</b>		18 <b>4060.5</b>		4 <b>4106.5</b>		20 <b>4152.5</b>
	4 <b>4015.5</b>		19 <b>4061.5</b>		5 <b>4107.5</b>		21 <b>4153.5</b>
	5 <b>4016.5</b>		20 <b>4062.5</b>		6 <b>4108.5</b>		22 <b>4154.5</b>
	6 <b>4017.5</b>		21 <b>4063.5</b>		7 <b>4109.5</b>		23 <b>4155.5</b>
	7 <b>4018.5</b>		22 <b>4064.5</b>		8 <b>4110.5</b>		24 <b>4156.5</b>
	8 <b>4019.5</b>		23 <b>4065.5</b>		9 <b>4111.5</b>		25 <b>4157.5</b>
	9 <b>4020.5</b>		24 <b>4066.5</b>		10 <b>4112.5</b>		26 <b>4158.5</b>
	10 <b>4021.5</b>		25 <b>4067.5</b>		11 <b>4113.5</b>		27 <b>4159.5</b>
	11 <b>4022.5</b>		26 <b>4068.5</b>		12 <b>4114.5</b>		28 <b>4160.5</b>
	12 <b>4023.5</b>		27 <b>4069.5</b>		13 <b>4115.5</b>		29 <b>4161.5</b>
	13 <b>4024.5</b>		28 <b>4070.5</b>		14 <b>4116.5</b>		30 <b>4162.5</b>
	14 <b>4025.5</b>		29 <b>4071.5</b>		15 <b>4117.5</b>		31 <b>4163.5</b>
	15 <b>4026.5</b>	Mar.	1 <b>4072.5</b>		16 <b>4118.5</b>	June	1 <b>4164.5</b>
	16 <b>4027.5</b>		2 <b>4073.5</b>		17 <b>4119.5</b>		2 <b>4165.5</b>
	17 <b>4028.5</b>		3 <b>4074.5</b>		18 <b>4120.5</b>		3 <b>4166.5</b>
	18 <b>4029.5</b>		4 <b>4075.5</b>		19 <b>4121.5</b>		4 <b>4167.5</b>
	19 <b>4030.5</b>		5 <b>4076.5</b>		20 <b>4122.5</b>		5 <b>4168.5</b>
	20 <b>4031.5</b>		6 <b>4077.5</b>		21 <b>4123.5</b>		6 <b>4169.5</b>
	21 <b>4032.5</b>		7 <b>4078.5</b>		22 <b>4124.5</b>		7 <b>4170.5</b>
	22 <b>4033.5</b>		8 <b>4079.5</b>		23 <b>4125.5</b>		8 <b>4171.5</b>
	23 <b>4034.5</b>		9 <b>4080.5</b>		24 <b>4126.5</b>		9 <b>4172.5</b>
	24 <b>4035.5</b>		10 <b>4081.5</b>		25 <b>4127.5</b>		10 <b>4173.5</b>
	25 <b>4036.5</b>		11 <b>4082.5</b>		26 <b>4128.5</b>		11 <b>4174.5</b>
	26 <b>4037.5</b>		12 <b>4083.5</b>		27 <b>4129.5</b>		12 <b>4175.5</b>
	27 <b>4038.5</b>		13 <b>4084.5</b>		28 <b>4130.5</b>		13 <b>4176.5</b>
	28 <b>4039.5</b>		14 <b>4085.5</b>		29 <b>4131.5</b>		14 <b>4177.5</b>
	29 <b>4040.5</b>		15 <b>4086.5</b>		30 <b>4132.5</b>		15 <b>4178.5</b>
	30 <b>4041.5</b>		16 <b>4087.5</b>	May	1 <b>4133.5</b>		16 <b>4179.5</b>
	31 <b>4042.5</b>		17 <b>4088.5</b>		2 <b>4134.5</b>		17 <b>4180.5</b>
Feb.	1 <b>4043.5</b>		18 <b>4089.5</b>		3 <b>4135.5</b>		18 <b>4181.5</b>
	2 <b>4044.5</b>		19 <b>4090.5</b>		4 <b>4136.5</b>		19 <b>4182.5</b>
	3 <b>4045.5</b>		20 <b>4091.5</b>		5 <b>4137.5</b>		20 <b>4183.5</b>
	4 <b>4046.5</b>		21 <b>4092.5</b>		6 <b>4138.5</b>		21 <b>4184.5</b>
	5 <b>4047.5</b>		22 <b>4093.5</b>		7 <b>4139.5</b>		22 <b>4185.5</b>
	6 <b>4048.5</b>		23 <b>4094.5</b>		8 <b>4140.5</b>		23 <b>4186.5</b>
	7 <b>4049.5</b>		24 <b>4095.5</b>		9 <b>4141.5</b>		24 <b>4187.5</b>
	8 <b>4050.5</b>		25 <b>4096.5</b>		10 <b>4142.5</b>		25 <b>4188.5</b>
	9 <b>4051.5</b>		26 <b>4097.5</b>		11 <b>4143.5</b>		26 <b>4189.5</b>
	10 <b>4052.5</b>		27 <b>4098.5</b>		12 <b>4144.5</b>		27 <b>4190.5</b>
	11 <b>4053.5</b>		28 <b>4099.5</b>		13 <b>4145.5</b>		28 <b>4191.5</b>
	12 <b>4054.5</b>		29 <b>4100.5</b>		14 <b>4146.5</b>		29 <b>4192.5</b>
	13 <b>4055.5</b>		30 <b>4101.5</b>		15 <b>4147.5</b>		30 <b>4193.5</b>
	14 <b>4056.5</b>		31 <b>4102.5</b>		16 <b>4148.5</b>	July	1 <b>4194.5</b>

## JULIAN DAYS, 1952

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>243</b>		<b>243</b>		<b>243</b>		<b>243</b>
July	1 <b>4194.5</b>	Aug.	16 <b>4240.5</b>	Oct.	1 <b>4286.5</b>	Nov.	16 <b>4332.5</b>
	2 <b>4195.5</b>		17 <b>4241.5</b>		2 <b>4287.5</b>		17 <b>4333.5</b>
	3 <b>4196.5</b>		18 <b>4242.5</b>		3 <b>4288.5</b>		18 <b>4334.5</b>
	4 <b>4197.5</b>		19 <b>4243.5</b>		4 <b>4289.5</b>		19 <b>4335.5</b>
	5 <b>4198.5</b>		20 <b>4244.5</b>		5 <b>4290.5</b>		20 <b>4336.5</b>
	6 <b>4199.5</b>		21 <b>4245.5</b>		6 <b>4291.5</b>		21 <b>4337.5</b>
	7 <b>4200.5</b>		22 <b>4246.5</b>		7 <b>4292.5</b>		22 <b>4338.5</b>
	8 <b>4201.5</b>		23 <b>4247.5</b>		8 <b>4293.5</b>		23 <b>4339.5</b>
	9 <b>4202.5</b>		24 <b>4248.5</b>		9 <b>4294.5</b>		24 <b>4340.5</b>
	10 <b>4203.5</b>		25 <b>4249.5</b>		10 <b>4295.5</b>		25 <b>4341.5</b>
	11 <b>4204.5</b>		26 <b>4250.5</b>		11 <b>4296.5</b>		26 <b>4342.5</b>
	12 <b>4205.5</b>		27 <b>4251.5</b>		12 <b>4297.5</b>		27 <b>4343.5</b>
	13 <b>4206.5</b>		28 <b>4252.5</b>		13 <b>4298.5</b>		28 <b>4344.5</b>
	14 <b>4207.5</b>		29 <b>4253.5</b>		14 <b>4299.5</b>		29 <b>4345.5</b>
	15 <b>4208.5</b>		30 <b>4254.5</b>		15 <b>4300.5</b>		30 <b>4346.5</b>
	16 <b>4209.5</b>		31 <b>4255.5</b>		16 <b>4301.5</b>	Dec.	1 <b>4347.5</b>
	17 <b>4210.5</b>	Sept.	1 <b>4256.5</b>		17 <b>4302.5</b>		2 <b>4348.5</b>
	18 <b>4211.5</b>		2 <b>4257.5</b>		18 <b>4303.5</b>		3 <b>4349.5</b>
	19 <b>4212.5</b>		3 <b>4258.5</b>		19 <b>4304.5</b>		4 <b>4350.5</b>
	20 <b>4213.5</b>		4 <b>4259.5</b>		20 <b>4305.5</b>		5 <b>4351.5</b>
	21 <b>4214.5</b>		5 <b>4260.5</b>		21 <b>4306.5</b>		6 <b>4352.5</b>
	22 <b>4215.5</b>		6 <b>4261.5</b>		22 <b>4307.5</b>		7 <b>4353.5</b>
	23 <b>4216.5</b>		7 <b>4262.5</b>		23 <b>4308.5</b>		8 <b>4354.5</b>
	24 <b>4217.5</b>		8 <b>4263.5</b>		24 <b>4309.5</b>		9 <b>4355.5</b>
	25 <b>4218.5</b>		9 <b>4264.5</b>		25 <b>4310.5</b>		10 <b>4356.5</b>
	26 <b>4219.5</b>		10 <b>4265.5</b>		26 <b>4311.5</b>		11 <b>4357.5</b>
	27 <b>4220.5</b>		11 <b>4266.5</b>		27 <b>4312.5</b>		12 <b>4358.5</b>
	28 <b>4221.5</b>		12 <b>4267.5</b>		28 <b>4313.5</b>		13 <b>4359.5</b>
	29 <b>4222.5</b>		13 <b>4268.5</b>		29 <b>4314.5</b>		14 <b>4360.5</b>
	30 <b>4223.5</b>		14 <b>4269.5</b>		30 <b>4315.5</b>		15 <b>4361.5</b>
	31 <b>4224.5</b>		15 <b>4270.5</b>		31 <b>4316.5</b>		16 <b>4362.5</b>
Aug.	1 <b>4225.5</b>		16 <b>4271.5</b>	Nov.	1 <b>4317.5</b>		17 <b>4363.5</b>
	2 <b>4226.5</b>		17 <b>4272.5</b>		2 <b>4318.5</b>		18 <b>4364.5</b>
	3 <b>4227.5</b>		18 <b>4273.5</b>		3 <b>4319.5</b>		19 <b>4365.5</b>
	4 <b>4228.5</b>		19 <b>4274.5</b>		4 <b>4320.5</b>		20 <b>4366.5</b>
	5 <b>4229.5</b>		20 <b>4275.5</b>		5 <b>4321.5</b>		21 <b>4367.5</b>
	6 <b>4230.5</b>		21 <b>4276.5</b>		6 <b>4322.5</b>		22 <b>4368.5</b>
	7 <b>4231.5</b>		22 <b>4277.5</b>		7 <b>4323.5</b>		23 <b>4369.5</b>
	8 <b>4232.5</b>		23 <b>4278.5</b>		8 <b>4324.5</b>		24 <b>4370.5</b>
	9 <b>4233.5</b>		24 <b>4279.5</b>		9 <b>4325.5</b>		25 <b>4371.5</b>
	10 <b>4234.5</b>		25 <b>4280.5</b>		10 <b>4326.5</b>		26 <b>4372.5</b>
	11 <b>4235.5</b>		26 <b>4281.5</b>		11 <b>4327.5</b>		27 <b>4373.5</b>
	12 <b>4236.5</b>		27 <b>4282.5</b>		12 <b>4328.5</b>		28 <b>4374.5</b>
	13 <b>4237.5</b>		28 <b>4283.5</b>		13 <b>4329.5</b>		29 <b>4375.5</b>
	14 <b>4238.5</b>		29 <b>4284.5</b>		14 <b>4330.5</b>		30 <b>4376.5</b>
	15 <b>4239.5</b>		30 <b>4285.5</b>		15 <b>4331.5</b>		31 <b>4377.5</b>

## JULIAN DAYS, 1953

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>243</b>		<b>243</b>		<b>243</b>		<b>243</b>
Jan.	0 4377.5	Feb.	15 4423.5	Apr.	2 4469.5	May	18 4515.5
	1 4378.5		16 4424.5		3 4470.5		19 4516.5
	2 4379.5		17 4425.5		4 4471.5		20 4517.5
	3 4380.5		18 4426.5		5 4472.5		21 4518.5
	4 4381.5		19 4427.5		6 4473.5		22 4519.5
	5 4382.5		20 4428.5		7 4474.5		23 4520.5
	6 4383.5		21 4429.5		8 4475.5		24 4521.5
	7 4384.5		22 4430.5		9 4476.5		25 4522.5
	8 4385.5		23 4431.5		10 4477.5		26 4523.5
	9 4386.5		24 4432.5		11 4478.5		27 4524.5
	10 4387.5		25 4433.5		12 4479.5		28 4525.5
	11 4388.5		26 4434.5		13 4480.5		29 4526.5
	12 4389.5		27 4435.5		14 4481.5		30 4527.5
	13 4390.5		28 4436.5		15 4482.5		31 4528.5
	14 4391.5	Mar.	1 4437.5		16 4483.5	June	1 4529.5
	15 4392.5		2 4438.5		17 4484.5		2 4530.5
	16 4393.5		3 4439.5		18 4485.5		3 4531.5
	17 4394.5		4 4440.5		19 4486.5		4 4532.5
	18 4395.5		5 4441.5		20 4487.5		5 4533.5
	19 4396.5		6 4442.5		21 4488.5		6 4534.5
	20 4397.5		7 4443.5		22 4489.5		7 4535.5
	21 4398.5		8 4444.5		23 4490.5		8 4536.5
	22 4399.5		9 4445.5		24 4491.5		9 4537.5
	23 4400.5		10 4446.5		25 4492.5		10 4538.5
	24 4401.5		11 4447.5		26 4493.5		11 4539.5
	25 4402.5		12 4448.5		27 4494.5		12 4540.5
	26 4403.5		13 4449.5		28 4495.5		13 4541.5
	27 4404.5		14 4450.5		29 4496.5		14 4542.5
	28 4405.5		15 4451.5		30 4497.5		15 4543.5
	29 4406.5		16 4452.5	May	1 4498.5		16 4544.5
	30 4407.5		17 4453.5		2 4499.5		17 4545.5
	31 4408.5		18 4454.5		3 4500.5		18 4546.5
Feb.	1 4409.5		19 4455.5		4 4501.5		19 4547.5
	2 4410.5		20 4456.5		5 4502.5		20 4548.5
	3 4411.5		21 4457.5		6 4503.5		21 4549.5
	4 4412.5		22 4458.5		7 4504.5		22 4550.5
	5 4413.5		23 4459.5		8 4505.5		23 4551.5
	6 4414.5		24 4460.5		9 4506.5		24 4552.5
	7 4415.5		25 4461.5		10 4507.5		25 4553.5
	8 4416.5		26 4462.5		11 4508.5		26 4554.5
	9 4417.5		27 4463.5		12 4509.5		27 4555.5
	10 4418.5		28 4464.5		13 4510.5		28 4556.5
	11 4419.5		29 4465.5		14 4511.5		29 4557.5
	12 4420.5		30 4466.5		15 4512.5		30 4558.5
	13 4421.5		31 4467.5		16 4513.5	July	1 4559.5
	14 4422.5	Apr.	1 4468.5		17 4514.5		2 4560.5

## JULIAN DAYS, 1953

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>243</b>		<b>243</b>		<b>243</b>		<b>243</b>
July	1 4559.5	Aug.	16 4605.5	Oct.	1 4651.5	Nov.	16 4697.5
	2 4560.5		17 4606.5		2 4652.5		17 4698.5
	3 4561.5		18 4607.5		3 4653.5		18 4699.5
	4 4562.5		19 4608.5		4 4654.5		19 4700.5
	5 4563.5		20 4609.5		5 4655.5		20 4701.5
	6 4564.5		21 4610.5		6 4656.5		21 4702.5
	7 4565.5		22 4611.5		7 4657.5		22 4703.5
	8 4566.5		23 4612.5		8 4658.5		23 4704.5
	9 4567.5		24 4613.5		9 4659.5		24 4705.5
	10 4568.5		25 4614.5		10 4660.5		25 4706.5
	11 4569.5		26 4615.5		11 4661.5		26 4707.5
	12 4570.5		27 4616.5		12 4662.5		27 4708.5
	13 4571.5		28 4617.5		13 4663.5		28 4709.5
	14 4572.5		29 4618.5		14 4664.5		29 4710.5
	15 4573.5		30 4619.5		15 4665.5		30 4711.5
	16 4574.5		31 4620.5		16 4666.5	Dec.	1 4712.5
	17 4575.5	Sept.	1 4621.5		17 4667.5		2 4713.5
	18 4576.5		2 4622.5		18 4668.5		3 4714.5
	19 4577.5		3 4623.5		19 4669.5		4 4715.5
	20 4578.5		4 4624.5		20 4670.5		5 4716.5
	21 4579.5		5 4625.5		21 4671.5		6 4717.5
	22 4580.5		6 4626.5		22 4672.5		7 4718.5
	23 4581.5		7 4627.5		23 4673.5		8 4719.5
	24 4582.5		8 4628.5		24 4674.5		9 4720.5
	25 4583.5		9 4629.5		25 4675.5		10 4721.5
	26 4584.5		10 4630.5		26 4676.5		11 4722.5
	27 4585.5		11 4631.5		27 4677.5		12 4723.5
	28 4586.5		12 4632.5		28 4678.5		13 4724.5
	29 4587.5		13 4633.5		29 4679.5		14 4725.5
	30 4588.5		14 4634.5		30 4680.5		15 4726.5
	31 4589.5		15 4635.5		31 4681.5		16 4727.5
Aug.	1 4590.5		16 4636.5	Nov.	1 4682.5		17 4728.5
	2 4591.5		17 4637.5		2 4683.5		18 4729.5
	3 4592.5		18 4638.5		3 4684.5		19 4730.5
	4 4593.5		19 4639.5		4 4685.5		20 4731.5
	5 4594.5		20 4640.5		5 4686.5		21 4732.5
	6 4595.5		21 4641.5		6 4687.5		22 4733.5
	7 4596.5		22 4642.5		7 4688.5		23 4734.5
	8 4597.5		23 4643.5		8 4689.5		24 4735.5
	9 4598.5		24 4644.5		9 4690.5		25 4736.5
	10 4599.5		25 4645.5		10 4691.5		26 4737.5
	11 4600.5		26 4646.5		11 4692.5		27 4738.5
	12 4601.5		27 4647.5		12 4693.5		28 4739.5
	13 4602.5		28 4648.5		13 4694.5		29 4740.5
	14 4603.5		29 4649.5		14 4695.5		30 4741.5
	15 4604.5		30 4650.5		15 4696.5		31 4742.5

## JULIAN DAYS, 1954

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>243</b>		<b>243</b>		<b>243</b>		<b>243</b>
Jan.	0 4742.5	Feb.	15 4788.5	Apr.	2 4834.5	May	18 4880.5
	1 4743.5		16 4789.5		3 4835.5		19 4881.5
	2 4744.5		17 4790.5		4 4836.5		20 4882.5
	3 4745.5		18 4791.5		5 4837.5		21 4883.5
	4 4746.5		19 4792.5		6 4838.5		22 4884.5
	5 4747.5		20 4793.5		7 4839.5		23 4885.5
	6 4748.5		21 4794.5		8 4840.5		24 4886.5
	7 4749.5		22 4795.5		9 4841.5		25 4887.5
	8 4750.5		23 4796.5		10 4842.5		26 4888.5
	9 4751.5		24 4797.5		11 4843.5		27 4889.5
	10 4752.5		25 4798.5		12 4844.5		28 4890.5
	11 4753.5		26 4799.5		13 4845.5		29 4891.5
	12 4754.5		27 4800.5		14 4846.5		30 4892.5
	13 4755.5		28 4801.5		15 4847.5		31 4893.5
	14 4756.5	Mar.	1 4802.5		16 4848.5	June	1 4894.5
	15 4757.5		2 4803.5		17 4849.5		2 4895.5
	16 4758.5		3 4804.5		18 4850.5		3 4896.5
	17 4759.5		4 4805.5		19 4851.5		4 4897.5
	18 4760.5		5 4806.5		20 4852.5		5 4898.5
	19 4761.5		6 4807.5		21 4853.5		6 4899.5
	20 4762.5		7 4808.5		22 4854.5		7 4900.5
	21 4763.5		8 4809.5		23 4855.5		8 4901.5
	22 4764.5		9 4810.5		24 4856.5		9 4902.5
	23 4765.5		10 4811.5		25 4857.5		10 4903.5
	24 4766.5		11 4812.5		26 4858.5		11 4904.5
	25 4767.5		12 4813.5		27 4859.5		12 4905.5
	26 4768.5		13 4814.5		28 4860.5		13 4906.5
	27 4769.5		14 4815.5		29 4861.5		14 4907.5
	28 4770.5		15 4816.5		30 4862.5		15 4908.5
	29 4771.5		16 4817.5	May	1 4863.5		16 4909.5
	30 4772.5		17 4818.5		2 4864.5		17 4910.5
	31 4773.5		18 4819.5		3 4865.5		18 4911.5
Feb.	1 4774.5		19 4820.5		4 4866.5		19 4912.5
	2 4775.5		20 4821.5		5 4867.5		20 4913.5
	3 4776.5		21 4822.5		6 4868.5		21 4914.5
	4 4777.5		22 4823.5		7 4869.5		22 4915.5
	5 4778.5		23 4824.5		8 4870.5		23 4916.5
	6 4779.5		24 4825.5		9 4871.5		24 4917.5
	7 4780.5		25 4826.5		10 4872.5		25 4918.5
	8 4781.5		26 4827.5		11 4873.5		26 4919.5
	9 4782.5		27 4828.5		12 4874.5		27 4920.5
	10 4783.5		28 4829.5		13 4875.5		28 4921.5
	11 4784.5		29 4830.5		14 4876.5		29 4922.5
	12 4785.5		30 4831.5		15 4877.5		30 4923.5
	13 4786.5		31 4832.5		16 4878.5	July	1 4924.5
	14 4787.5	Apr.	1 4833.5		17 4879.5		2 4925.5

## JULIAN DAYS, 1954

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>243</b>		<b>243</b>		<b>243</b>		<b>243</b>
July	1 <b>4924.5</b>	Aug.	16 <b>4970.5</b>	Oct.	1 <b>5016.5</b>	Nov.	16 <b>5062.5</b>
	2 <b>4925.5</b>		17 <b>4971.5</b>		2 <b>5017.5</b>		17 <b>5063.5</b>
	3 <b>4926.5</b>		18 <b>4972.5</b>		3 <b>5018.5</b>		18 <b>5064.5</b>
	4 <b>4927.5</b>		19 <b>4973.5</b>		4 <b>5019.5</b>		19 <b>5065.5</b>
	5 <b>4928.5</b>		20 <b>4974.5</b>		5 <b>5020.5</b>		20 <b>5066.5</b>
	6 <b>4929.5</b>		21 <b>4975.5</b>		6 <b>5021.5</b>		21 <b>5067.5</b>
	7 <b>4930.5</b>		22 <b>4976.5</b>		7 <b>5022.5</b>		22 <b>5068.5</b>
	8 <b>4931.5</b>		23 <b>4977.5</b>		8 <b>5023.5</b>		23 <b>5069.5</b>
	9 <b>4932.5</b>		24 <b>4978.5</b>		9 <b>5024.5</b>		24 <b>5070.5</b>
	10 <b>4933.5</b>		25 <b>4979.5</b>		10 <b>5025.5</b>		25 <b>5071.5</b>
	11 <b>4934.5</b>		26 <b>4980.5</b>		11 <b>5026.5</b>		26 <b>5072.5</b>
	12 <b>4935.5</b>		27 <b>4981.5</b>		12 <b>5027.5</b>		27 <b>5073.5</b>
	13 <b>4936.5</b>		28 <b>4982.5</b>		13 <b>5028.5</b>		28 <b>5074.5</b>
	14 <b>4937.5</b>		29 <b>4983.5</b>		14 <b>5029.5</b>		29 <b>5075.5</b>
	15 <b>4938.5</b>		30 <b>4984.5</b>		15 <b>5030.5</b>		30 <b>5076.5</b>
	16 <b>4939.5</b>		31 <b>4985.5</b>		16 <b>5031.5</b>	Dec.	1 <b>5077.5</b>
	17 <b>4940.5</b>	Sept.	1 <b>4986.5</b>		17 <b>5032.5</b>		2 <b>5078.5</b>
	18 <b>4941.5</b>		2 <b>4987.5</b>		18 <b>5033.5</b>		3 <b>5079.5</b>
	19 <b>4942.5</b>		3 <b>4988.5</b>		19 <b>5034.5</b>		4 <b>5080.5</b>
	20 <b>4943.5</b>		4 <b>4989.5</b>		20 <b>5035.5</b>		5 <b>5081.5</b>
	21 <b>4944.5</b>		5 <b>4990.5</b>		21 <b>5036.5</b>		6 <b>5082.5</b>
	22 <b>4945.5</b>		6 <b>4991.5</b>		22 <b>5037.5</b>		7 <b>5083.5</b>
	23 <b>4946.5</b>		7 <b>4992.5</b>		23 <b>5038.5</b>		8 <b>5084.5</b>
	24 <b>4947.5</b>		8 <b>4993.5</b>		24 <b>5039.5</b>		9 <b>5085.5</b>
	25 <b>4948.5</b>		9 <b>4994.5</b>		25 <b>5040.5</b>		10 <b>5086.5</b>
	26 <b>4949.5</b>		10 <b>4995.5</b>		26 <b>5041.5</b>		11 <b>5087.5</b>
	27 <b>4950.5</b>		11 <b>4996.5</b>		27 <b>5042.5</b>		12 <b>5088.5</b>
	28 <b>4951.5</b>		12 <b>4997.5</b>		28 <b>5043.5</b>		13 <b>5089.5</b>
	29 <b>4952.5</b>		13 <b>4998.5</b>		29 <b>5044.5</b>		14 <b>5090.5</b>
	30 <b>4953.5</b>		14 <b>4999.5</b>		30 <b>5045.5</b>		15 <b>5091.5</b>
	31 <b>4954.5</b>		15 <b>5000.5</b>		31 <b>5046.5</b>		16 <b>5092.5</b>
Aug.	1 <b>4955.5</b>		16 <b>5001.5</b>	Nov.	1 <b>5047.5</b>		17 <b>5093.5</b>
	2 <b>4956.5</b>		17 <b>5002.5</b>		2 <b>5048.5</b>		18 <b>5094.5</b>
	3 <b>4957.5</b>		18 <b>5003.5</b>		3 <b>5049.5</b>		19 <b>5095.5</b>
	4 <b>4958.5</b>		19 <b>5004.5</b>		4 <b>5050.5</b>		20 <b>5096.5</b>
	5 <b>4959.5</b>		20 <b>5005.5</b>		5 <b>5051.5</b>		21 <b>5097.5</b>
	6 <b>4960.5</b>		21 <b>5006.5</b>		6 <b>5052.5</b>		22 <b>5098.5</b>
	7 <b>4961.5</b>		22 <b>5007.5</b>		7 <b>5053.5</b>		23 <b>5099.5</b>
	8 <b>4962.5</b>		23 <b>5008.5</b>		8 <b>5054.5</b>		24 <b>5100.5</b>
	9 <b>4963.5</b>		24 <b>5009.5</b>		9 <b>5055.5</b>		25 <b>5101.5</b>
	10 <b>4964.5</b>		25 <b>5010.5</b>		10 <b>5056.5</b>		26 <b>5102.5</b>
	11 <b>4965.5</b>		26 <b>5011.5</b>		11 <b>5057.5</b>		27 <b>5103.5</b>
	12 <b>4966.5</b>		27 <b>5012.5</b>		12 <b>5058.5</b>		28 <b>5104.5</b>
	13 <b>4967.5</b>		28 <b>5013.5</b>		13 <b>5059.5</b>		29 <b>5105.5</b>
	14 <b>4968.5</b>		29 <b>5014.5</b>		14 <b>5060.5</b>		30 <b>5106.5</b>
	15 <b>4969.5</b>		30 <b>5015.5</b>		15 <b>5061.5</b>		31 <b>5107.5</b>

## JULIAN DAYS, 1955

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>243</b>		<b>243</b>		<b>243</b>		<b>243</b>
Jan.	0 <b>5107.5</b>	Feb.	15 <b>5153.5</b>	Apr.	2 <b>5199.5</b>	May	18 <b>5245.5</b>
	1 <b>5108.5</b>		16 <b>5154.5</b>		3 <b>5200.5</b>		19 <b>5246.5</b>
	2 <b>5109.5</b>		17 <b>5155.5</b>		4 <b>5201.5</b>		20 <b>5247.5</b>
	3 <b>5110.5</b>		18 <b>5156.5</b>		5 <b>5202.5</b>		21 <b>5248.5</b>
	4 <b>5111.5</b>		19 <b>5157.5</b>		6 <b>5203.5</b>		22 <b>5249.5</b>
	5 <b>5112.5</b>		20 <b>5158.5</b>		7 <b>5204.5</b>		23 <b>5250.5</b>
	6 <b>5113.5</b>		21 <b>5159.5</b>		8 <b>5205.5</b>		24 <b>5251.5</b>
	7 <b>5114.5</b>		22 <b>5160.5</b>		9 <b>5206.5</b>		25 <b>5252.5</b>
	8 <b>5115.5</b>		23 <b>5161.5</b>		10 <b>5207.5</b>		26 <b>5253.5</b>
	9 <b>5116.5</b>		24 <b>5162.5</b>		11 <b>5208.5</b>		27 <b>5254.5</b>
	10 <b>5117.5</b>		25 <b>5163.5</b>		12 <b>5209.5</b>		28 <b>5255.5</b>
	11 <b>5118.5</b>		26 <b>5164.5</b>		13 <b>5210.5</b>		29 <b>5256.5</b>
	12 <b>5119.5</b>		27 <b>5165.5</b>		14 <b>5211.5</b>		30 <b>5257.5</b>
	13 <b>5120.5</b>		28 <b>5166.5</b>		15 <b>5212.5</b>		31 <b>5258.5</b>
	14 <b>5121.5</b>	Mar.	1 <b>5167.5</b>		16 <b>5213.5</b>	June	1 <b>5259.5</b>
	15 <b>5122.5</b>		2 <b>5168.5</b>		17 <b>5214.5</b>		2 <b>5260.5</b>
	16 <b>5123.5</b>		3 <b>5169.5</b>		18 <b>5215.5</b>		3 <b>5261.5</b>
	17 <b>5124.5</b>		4 <b>5170.5</b>		19 <b>5216.5</b>		4 <b>5262.5</b>
	18 <b>5125.5</b>		5 <b>5171.5</b>		20 <b>5217.5</b>		5 <b>5263.5</b>
	19 <b>5126.5</b>		6 <b>5172.5</b>		21 <b>5218.5</b>		6 <b>5264.5</b>
	20 <b>5127.5</b>		7 <b>5173.5</b>		22 <b>5219.5</b>		7 <b>5265.5</b>
	21 <b>5128.5</b>		8 <b>5174.5</b>		23 <b>5220.5</b>		8 <b>5266.5</b>
	22 <b>5129.5</b>		9 <b>5175.5</b>		24 <b>5221.5</b>		9 <b>5267.5</b>
	23 <b>5130.5</b>		10 <b>5176.5</b>		25 <b>5222.5</b>		10 <b>5268.5</b>
	24 <b>5131.5</b>		11 <b>5177.5</b>		26 <b>5223.5</b>		11 <b>5269.5</b>
	25 <b>5132.5</b>		12 <b>5178.5</b>		27 <b>5224.5</b>		12 <b>5270.5</b>
	26 <b>5133.5</b>		13 <b>5179.5</b>		28 <b>5225.5</b>		13 <b>5271.5</b>
	27 <b>5134.5</b>		14 <b>5180.5</b>		29 <b>5226.5</b>		14 <b>5272.5</b>
	28 <b>5135.5</b>		15 <b>5181.5</b>		30 <b>5227.5</b>		15 <b>5273.5</b>
	29 <b>5136.5</b>		16 <b>5182.5</b>	May	1 <b>5228.5</b>		16 <b>5274.5</b>
	30 <b>5137.5</b>		17 <b>5183.5</b>		2 <b>5229.5</b>		17 <b>5275.5</b>
	31 <b>5138.5</b>		18 <b>5184.5</b>		3 <b>5230.5</b>		18 <b>5276.5</b>
Feb.	1 <b>5139.5</b>		19 <b>5185.5</b>		4 <b>5231.5</b>		19 <b>5277.5</b>
	2 <b>5140.5</b>		20 <b>5186.5</b>		5 <b>5232.5</b>		20 <b>5278.5</b>
	3 <b>5141.5</b>		21 <b>5187.5</b>		6 <b>5233.5</b>		21 <b>5279.5</b>
	4 <b>5142.5</b>		22 <b>5188.5</b>		7 <b>5234.5</b>		22 <b>5280.5</b>
	5 <b>5143.5</b>		23 <b>5189.5</b>		8 <b>5235.5</b>		23 <b>5281.5</b>
	6 <b>5144.5</b>		24 <b>5190.5</b>		9 <b>5236.5</b>		24 <b>5282.5</b>
	7 <b>5145.5</b>		25 <b>5191.5</b>		10 <b>5237.5</b>		25 <b>5283.5</b>
	8 <b>5146.5</b>		26 <b>5192.5</b>		11 <b>5238.5</b>		26 <b>5284.5</b>
	9 <b>5147.5</b>		27 <b>5193.5</b>		12 <b>5239.5</b>		27 <b>5285.5</b>
	10 <b>5148.5</b>		28 <b>5194.5</b>		13 <b>5240.5</b>		28 <b>5286.5</b>
	11 <b>5149.5</b>		29 <b>5195.5</b>		14 <b>5241.5</b>		29 <b>5287.5</b>
	12 <b>5150.5</b>		30 <b>5196.5</b>		15 <b>5242.5</b>		30 <b>5288.5</b>
	13 <b>5151.5</b>		31 <b>5197.5</b>		16 <b>5243.5</b>	July	1 <b>5289.5</b>
	14 <b>5152.5</b>	Apr.	1 <b>5198.5</b>		17 <b>5244.5</b>		2 <b>5290.5</b>



## JULIAN DAYS, 1955

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>243</b>		<b>243</b>		<b>243</b>		<b>243</b>
July	1 5289.5	Aug.	16 5335.5	Oct.	1 5381.5	Nov.	16 5427.5
	2 5290.5		17 5336.5		2 5382.5		17 5428.5
	3 5291.5		18 5337.5		3 5383.5		18 5429.5
	4 5292.5		19 5338.5		4 5384.5		19 5430.5
	5 5293.5		20 5339.5		5 5385.5		20 5431.5
	6 5294.5		21 5340.5		6 5386.5		21 5432.5
	7 5295.5		22 5341.5		7 5387.5		22 5433.5
	8 5296.5		23 5342.5		8 5388.5		23 5434.5
	9 5297.5		24 5343.5		9 5389.5		24 5435.5
	10 5298.5		25 5344.5		10 5390.5		25 5436.5
	11 5299.5		26 5345.5		11 5391.5		26 5437.5
	12 5300.5		27 5346.5		12 5392.5		27 5438.5
	13 5301.5		28 5347.5		13 5393.5		28 5439.5
	14 5302.5		29 5348.5		14 5394.5		29 5440.5
	15 5303.5		30 5349.5		15 5395.5		30 5441.5
	16 5304.5		31 5350.5		16 5396.5	Dec.	1 5442.5
	17 5305.5	Sept.	1 5351.5		17 5397.5		2 5443.5
	18 5306.5		2 5352.5		18 5398.5		3 5444.5
	19 5307.5		3 5353.5		19 5399.5		4 5445.5
	20 5308.5		4 5354.5		20 5400.5		5 5446.5
	21 5309.5		5 5355.5		21 5401.5		6 5447.5
	22 5310.5		6 5356.5		22 5402.5		7 5448.5
	23 5311.5		7 5357.5		23 5403.5		8 5449.5
	24 5312.5		8 5358.5		24 5404.5		9 5450.5
	25 5313.5		9 5359.5		25 5405.5		10 5451.5
	26 5314.5		10 5360.5		26 5406.5		11 5452.5
	27 5315.5		11 5361.5		27 5407.5		12 5453.5
	28 5316.5		12 5362.5		28 5408.5		13 5454.5
	29 5317.5		13 5363.5		29 5409.5		14 5455.5
	30 5318.5		14 5364.5		30 5410.5		15 5456.5
	31 5319.5		15 5365.5		31 5411.5		16 5457.5
Aug.	1 5320.5		16 5366.5	Nov.	1 5412.5		17 5458.5
	2 5321.5		17 5367.5		2 5413.5		18 5459.5
	3 5322.5		18 5368.5		3 5414.5		19 5460.5
	4 5323.5		19 5369.5		4 5415.5		20 5461.5
	5 5324.5		20 5370.5		5 5416.5		21 5462.5
	6 5325.5		21 5371.5		6 5417.5		22 5463.5
	7 5326.5		22 5372.5		7 5418.5		23 5464.5
	8 5327.5		23 5373.5		8 5419.5		24 5465.5
	9 5328.5		24 5374.5		9 5420.5		25 5466.5
	10 5329.5		25 5375.5		10 5421.5		26 5467.5
	11 5330.5		26 5376.5		11 5422.5		27 5468.5
	12 5331.5		27 5377.5		12 5423.5		28 5469.5
	13 5332.5		28 5378.5		13 5424.5		29 5470.5
	14 5333.5		29 5379.5		14 5425.5		30 5471.5
	15 5334.5		30 5380.5		15 5426.5		31 5472.5

## JULIAN DAYS, 1956

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>243</b>		<b>243</b>		<b>243</b>		<b>243</b>
Jan.	0 5472.5	Feb.	15 5518.5	Apr.	1 5564.5	May	17 5610.5
	1 5473.5		16 5519.5		2 5565.5		18 5611.5
	2 5474.5		17 5520.5		3 5566.5		10 5612.5
	3 5475.5		18 5521.5		4 5567.5		20 5613.5
	4 5476.5		19 5522.5		5 5568.5		21 5614.5
	5 5477.5		20 5523.5		6 5569.5		22 5615.5
	6 5478.5		21 5524.5		7 5570.5		23 5616.5
	7 5479.5		22 5525.5		8 5571.5		24 5617.5
	8 5480.5		23 5526.5		9 5572.5		25 5618.5
	9 5481.5		24 5527.5		10 5573.5		26 5619.5
	10 5482.5		25 5528.5		11 5574.5		27 5620.5
	11 5483.5		26 5529.5		12 5575.5		28 5621.5
	12 5484.5		27 5530.5		13 5576.5		29 5622.5
	13 5485.5		28 5531.5		14 5577.5		30 5623.5
	14 5486.5		29 5532.5		15 5578.5		31 5624.5
	15 5487.5	Mar.	1 5533.5		16 5579.5	June	1 5625.5
	16 5488.5		2 5534.5		17 5580.5		2 5626.5
	17 5489.5		3 5535.5		18 5581.5		3 5627.5
	18 5490.5		4 5536.5		19 5582.5		4 5628.5
	19 5491.5		5 5537.5		20 5583.5		5 5629.5
	20 5492.5		6 5538.5		21 5584.5		6 5630.5
	21 5493.5		7 5539.5		22 5585.5		7 5631.5
	22 5494.5		8 5540.5		23 5586.5		8 5632.5
	23 5495.5		9 5541.5		24 5587.5		9 5633.5
	24 5496.5		10 5542.5		25 5588.5		10 5634.5
	25 5497.5		11 5543.5		26 5589.5		11 5635.5
	26 5498.5		12 5544.5		27 5590.5		12 5636.5
	27 5499.5		13 5545.5		28 5591.5		13 5637.5
	28 5500.5		14 5546.5		29 5592.5		14 5638.5
	29 5501.5		15 5547.5		30 5593.5		15 5639.5
	30 5502.5		16 5548.5	May	1 5594.5		16 5640.5
	31 5503.5		17 5549.5		2 5595.5		17 5641.5
Feb.	1 5504.5		18 5550.5		3 5596.5		18 5642.5
	2 5505.5		19 5551.5		4 5597.5		19 5643.5
	3 5506.5		20 5552.5		5 5598.5		20 5644.5
	4 5507.5		21 5553.5		6 5599.5		21 5645.5
	5 5508.5		22 5554.5		7 5600.5		22 5646.5
	6 5509.5		23 5555.5		8 5601.5		23 5647.5
	7 5510.5		24 5556.5		9 5602.5		24 5648.5
	8 5511.5		25 5557.5		10 5603.5		25 5649.5
	9 5512.5		26 5558.5		11 5604.5		26 5650.5
	10 5513.5		27 5559.5		12 5605.5		27 5651.5
	11 5514.5		28 5560.5		13 5606.5		28 5652.5
	12 5515.5		29 5561.5		14 5607.5		29 5653.5
	13 5516.5		30 5562.5		15 5608.5		30 5654.5
	14 5517.5		31 5563.5		16 5609.5	July	1 5655.5

## JULIAN DAYS, 1956

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>243</b>		<b>243</b>		<b>243</b>		<b>243</b>
July	1 5655.5	Aug.	16 5701.5	Oct.	1 5747.5	Nov.	16 5793.5
	2 5656.5		17 5702.5		2 5748.5		17 5794.5
	3 5657.5		18 5703.5		3 5749.5		18 5795.5
	4 5658.5		19 5704.5		4 5750.5		19 5796.5
	5 5659.5		20 5705.5		5 5751.5		20 5797.5
	6 5660.5		21 5706.5		6 5752.5		21 5798.5
	7 5661.5		22 5707.5		7 5753.5		22 5799.5
	8 5662.5		23 5708.5		8 5754.5		23 5800.5
	9 5663.5		24 5709.5		9 5755.5		24 5801.5
	10 5664.5		25 5710.5		10 5756.5		25 5802.5
	11 5665.5		26 5711.5		11 5757.5		26 5803.5
	12 5666.5		27 5712.5		12 5758.5		27 5804.5
	13 5667.5		28 5713.5		13 5759.5		28 5805.5
	14 5668.5		29 5714.5		14 5760.5		29 5806.5
	15 5669.5		30 5715.5		15 5761.5		30 5807.5
	16 5670.5		31 5716.5		16 5762.5	Dec.	1 5808.5
	17 5671.5	Sept.	1 5717.5		17 5763.5		2 5809.5
	18 5672.5		2 5718.5		18 5764.5		3 5810.5
	19 5673.5		3 5719.5		19 5765.5		4 5811.5
	20 5674.5		4 5720.5		20 5766.5		5 5812.5
	21 5675.5		5 5721.5		21 5767.5		6 5813.5
	22 5676.5		6 5722.5		22 5768.5		7 5814.5
	23 5677.5		7 5723.5		23 5769.5		8 5815.5
	24 5678.5		8 5724.5		24 5770.5		9 5816.5
	25 5679.5		9 5725.5		25 5771.5		10 5817.5
	26 5680.5		10 5726.5		26 5772.5		11 5818.5
	27 5681.5		11 5727.5		27 5773.5		12 5819.5
	28 5682.5		12 5728.5		28 5774.5		13 5820.5
	29 5683.5		13 5729.5		29 5775.5		14 5821.5
	30 5684.5		14 5730.5		30 5776.5		15 5822.5
	31 5685.5		15 5731.5		31 5777.5		16 5823.5
Aug.	1 5686.5		16 5732.5	Nov.	1 5778.5		17 5824.5
	2 5687.5		17 5733.5		2 5779.5		18 5825.5
	3 5688.5		18 5734.5		3 5780.5		19 5826.5
	4 5689.5		19 5735.5		4 5781.5		20 5827.5
	5 5690.5		20 5736.5		5 5782.5		21 5828.5
	6 5691.5		21 5737.5		6 5783.5		22 5829.5
	7 5692.5		22 5738.5		7 5784.5		23 5830.5
	8 5693.5		23 5739.5		8 5785.5		24 5831.5
	9 5694.5		24 5740.5		9 5786.5		25 5832.5
	10 5695.5		25 5741.5		10 5787.5		26 5833.5
	11 5696.5		26 5742.5		11 5788.5		27 5834.5
	12 5697.5		27 5743.5		12 5789.5		28 5835.5
	13 5698.5		28 5744.5		13 5790.5		29 5836.5
	14 5699.5		29 5745.5		14 5791.5		30 5837.5
	15 5700.5		30 5746.5		15 5792.5		31 5838.5

## JULIAN DAYS, 1957

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>243</b>		<b>243</b>		<b>243</b>		<b>243</b>
Jan.	0 5838.5	Feb.	15 5884.5	Apr.	2 5930.5	May	18 5976.5
	1 5839.5		16 5885.5		3 5931.5		19 5977.5
	2 5840.5		17 5886.5		4 5932.5		20 5978.5
	3 5841.5		18 5887.5		5 5933.5		21 5979.5
	4 5842.5		19 5888.5		6 5934.5		22 5980.5
	5 5843.5		20 5889.5		7 5935.5		23 5981.5
	6 5844.5		21 5890.5		8 5936.5		24 5982.5
	7 5845.5		22 5891.5		9 5937.5		25 5983.5
	8 5846.5		23 5892.5		10 5938.5		26 5984.5
	9 5847.5		24 5893.5		11 5939.5		27 5985.5
	10 5848.5		25 5894.5		12 5940.5		28 5986.5
	11 5849.5		26 5895.5		13 5941.5		29 5987.5
	12 5850.5		27 5896.5		14 5942.5		30 5988.5
	13 5851.5		28 5897.5		15 5943.5		31 5989.5
	14 5852.5	Mar.	1 5898.5		16 5944.5	June	1 5990.5
	15 5853.5		2 5899.5		17 5945.5		2 5991.5
	16 5854.5		3 5900.5		18 5946.5		3 5992.5
	17 5855.5		4 5901.5		19 5947.5		4 5993.5
	18 5856.5		5 5902.5		20 5948.5		5 5994.5
	19 5857.5		6 5903.5		21 5949.5		6 5995.5
	20 5858.5		7 5904.5		22 5950.5		7 5996.5
	21 5859.5		8 5905.5		23 5951.5		8 5997.5
	22 5860.5		9 5906.5		24 5952.5		9 5998.5
	23 5861.5		10 5907.5		25 5953.5		10 5999.5
	24 5862.5		11 5908.5		26 5954.5		11 6000.5
	25 5863.5		12 5909.5		27 5955.5		12 6001.5
	26 5864.5		13 5910.5		28 5956.5		13 6002.5
	27 5865.5		14 5911.5		29 5957.5		14 6003.5
	28 5866.5		15 5912.5		30 5958.5		15 6004.5
	29 5867.5		16 5913.5	May	1 5959.5		16 6005.5
	30 5868.5		17 5914.5		2 5960.5		17 6006.5
	31 5869.5		18 5915.5		3 5961.5		18 6007.5
Feb.	1 5870.5		19 5916.5		4 5962.5		19 6008.5
	2 5871.5		20 5917.5		5 5963.5		20 6009.5
	3 5872.5		21 5918.5		6 5964.5		21 6010.5
	4 5873.5		22 5919.5		7 5965.5		22 6011.5
	5 5874.5		23 5920.5		8 5966.5		23 6012.5
	6 5875.5		24 5921.5		9 5967.5		24 6013.5
	7 5876.5		25 5922.5		10 5968.5		25 6014.5
	8 5877.5		26 5923.5		11 5969.5		26 6015.5
	9 5878.5		27 5924.5		12 5970.5		27 6016.5
	10 5879.5		28 5925.5		13 5971.5		28 6017.5
	11 5880.5		29 5926.5		14 5972.5		29 6018.5
	12 5881.5		30 5927.5		15 5973.5		30 6019.5
	13 5882.5		31 5928.5		16 5974.5	July	1 6020.5
	14 5883.5	Apr.	1 5929.5		17 5975.5		2 6021.5

## JULIAN DAYS, 1957

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>243</b>		<b>243</b>		<b>243</b>		<b>243</b>
July	1 <b>6020.5</b>	Aug.	16 <b>6066.5</b>	Oct.	1 <b>6112.5</b>	Nov.	16 <b>6158.5</b>
	2 <b>6021.5</b>		17 <b>6067.5</b>		2 <b>6113.5</b>		17 <b>6159.5</b>
	3 <b>6022.5</b>		18 <b>6068.5</b>		3 <b>6114.5</b>		18 <b>6160.5</b>
	4 <b>6023.5</b>		19 <b>6069.5</b>		4 <b>6115.5</b>		19 <b>6161.5</b>
	5 <b>6024.5</b>		20 <b>6070.5</b>		5 <b>6116.5</b>		20 <b>6162.5</b>
	6 <b>6025.5</b>		21 <b>6071.5</b>		6 <b>6117.5</b>		21 <b>6163.5</b>
	7 <b>6026.5</b>		22 <b>6072.5</b>		7 <b>6118.5</b>		22 <b>6164.5</b>
	8 <b>6027.5</b>		23 <b>6073.5</b>		8 <b>6119.5</b>		23 <b>6165.5</b>
	9 <b>6028.5</b>		24 <b>6074.5</b>		9 <b>6120.5</b>		24 <b>6166.5</b>
	10 <b>6029.5</b>		25 <b>6075.5</b>		10 <b>6121.5</b>		25 <b>6167.5</b>
	11 <b>6030.5</b>		26 <b>6076.5</b>		11 <b>6122.5</b>		26 <b>6168.5</b>
	12 <b>6031.5</b>		27 <b>6077.5</b>		12 <b>6123.5</b>		27 <b>6169.5</b>
	13 <b>6032.5</b>		28 <b>6078.5</b>		13 <b>6124.5</b>		28 <b>6170.5</b>
	14 <b>6033.5</b>		29 <b>6079.5</b>		14 <b>6125.5</b>		29 <b>6171.5</b>
	15 <b>6034.5</b>		30 <b>6080.5</b>		15 <b>6126.5</b>		30 <b>6172.5</b>
	16 <b>6035.5</b>		31 <b>6081.5</b>		16 <b>6127.5</b>	Dec.	1 <b>6173.5</b>
	17 <b>6036.5</b>	Sept.	1 <b>6082.5</b>		17 <b>6128.5</b>		2 <b>6174.5</b>
	18 <b>6037.5</b>		2 <b>6083.5</b>		18 <b>6129.5</b>		3 <b>6175.5</b>
	19 <b>6038.5</b>		3 <b>6084.5</b>		19 <b>6130.5</b>		4 <b>6176.5</b>
	20 <b>6039.5</b>		4 <b>6085.5</b>		20 <b>6131.5</b>		5 <b>6177.5</b>
	21 <b>6040.5</b>		5 <b>6086.5</b>		21 <b>6132.5</b>		6 <b>6178.5</b>
	22 <b>6041.5</b>		6 <b>6087.5</b>		22 <b>6133.5</b>		7 <b>6179.5</b>
	23 <b>6042.5</b>		7 <b>6088.5</b>		23 <b>6134.5</b>		8 <b>6180.5</b>
	24 <b>6043.5</b>		8 <b>6089.5</b>		24 <b>6135.5</b>		9 <b>6181.5</b>
	25 <b>6044.5</b>		9 <b>6090.5</b>		25 <b>6136.5</b>		10 <b>6182.5</b>
	26 <b>6045.5</b>		10 <b>6091.5</b>		26 <b>6137.5</b>		11 <b>6183.5</b>
	27 <b>6046.5</b>		11 <b>6092.5</b>		27 <b>6138.5</b>		12 <b>6184.5</b>
	28 <b>6047.5</b>		12 <b>6093.5</b>		28 <b>6139.5</b>		13 <b>6185.5</b>
	29 <b>6048.5</b>		13 <b>6094.5</b>		29 <b>6140.5</b>		14 <b>6186.5</b>
	30 <b>6049.5</b>		14 <b>6095.5</b>		30 <b>6141.5</b>		15 <b>6187.5</b>
	31 <b>6050.5</b>		15 <b>6096.5</b>		31 <b>6142.5</b>		16 <b>6188.5</b>
Aug.	1 <b>6051.5</b>		16 <b>6097.5</b>	Nov.	1 <b>6143.5</b>		17 <b>6189.5</b>
	2 <b>6052.5</b>		17 <b>6098.5</b>		2 <b>6144.5</b>		18 <b>6190.5</b>
	3 <b>6053.5</b>		18 <b>6099.5</b>		3 <b>6145.5</b>		19 <b>6191.5</b>
	4 <b>6054.5</b>		19 <b>6100.5</b>		4 <b>6146.5</b>		20 <b>6192.5</b>
	5 <b>6055.5</b>		20 <b>6101.5</b>		5 <b>6147.5</b>		21 <b>6193.5</b>
	6 <b>6056.5</b>		21 <b>6102.5</b>		6 <b>6148.5</b>		22 <b>6194.5</b>
	7 <b>6057.5</b>		22 <b>6103.5</b>		7 <b>6149.5</b>		23 <b>6195.5</b>
	8 <b>6058.5</b>		23 <b>6104.5</b>		8 <b>6150.5</b>		24 <b>6196.5</b>
	9 <b>6059.5</b>		24 <b>6105.5</b>		9 <b>6151.5</b>		25 <b>6197.5</b>
	10 <b>6060.5</b>		25 <b>6106.5</b>		10 <b>6152.5</b>		26 <b>6198.5</b>
	11 <b>6061.5</b>		26 <b>6107.5</b>		11 <b>6153.5</b>		27 <b>6199.5</b>
	12 <b>6062.5</b>		27 <b>6108.5</b>		12 <b>6154.5</b>		28 <b>6200.5</b>
	13 <b>6063.5</b>		28 <b>6109.5</b>		13 <b>6155.5</b>		29 <b>6201.5</b>
	14 <b>6064.5</b>		29 <b>6110.5</b>		14 <b>6156.5</b>		30 <b>6202.5</b>
	15 <b>6065.5</b>		30 <b>6111.5</b>		15 <b>6157.5</b>		31 <b>6203.5</b>

## JULIAN DAYS, 1958

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>243</b>		<b>243</b>		<b>243</b>		<b>243</b>
Jan.	0 6203.5	Feb.	15 6249.5	Apr.	2 6295.5	May	18 6341.5
	1 6204.5		16 6250.5		3 6296.5		19 6342.5
	2 6205.5		17 6251.5		4 6297.5		20 6343.5
	3 6206.5		18 6252.5		5 6298.5		21 6344.5
	4 6207.5		19 6253.5		6 6299.5		22 6345.5
	5 6208.5		20 6254.5		7 6300.5		23 6346.5
	6 6209.5		21 6255.5		8 6301.5		24 6347.5
	7 6210.5		22 6256.5		9 6302.5		25 6348.5
	8 6211.5		23 6257.5		10 6303.5		26 6349.5
	9 6212.5		24 6258.5		11 6304.5		27 6350.5
	10 6213.5		25 6259.5		12 6305.5		28 6351.5
	11 6214.5		26 6260.5		13 6306.5		29 6352.5
	12 6215.5		27 6261.5		14 6307.5		30 6353.5
	13 6216.5		28 6262.5		15 6308.5		31 6354.5
	14 6217.5	Mar.	1 6263.5		16 6309.5	June	1 6355.5
	15 6218.5		2 6264.5		17 6310.5		2 6356.5
	16 6219.5		3 6265.5		18 6311.5		3 6357.5
	17 6220.5		4 6266.5		19 6312.5		4 6358.5
	18 6221.5		5 6267.5		20 6313.5		5 6359.5
	19 6222.5		6 6268.5		21 6314.5		6 6360.5
	20 6223.5		7 6269.5		22 6315.5		7 6361.5
	21 6224.5		8 6270.5		23 6316.5		8 6362.5
	22 6225.5		9 6271.5		24 6317.5		9 6363.5
	23 6226.5		10 6272.5		25 6318.5		10 6364.5
	24 6227.5		11 6273.5		26 6319.5		11 6365.5
	25 6228.5		12 6274.5		27 6320.5		12 6366.5
	26 6229.5		13 6275.5		28 6321.5		13 6367.5
	27 6230.5		14 6276.5		29 6322.5		14 6368.5
	28 6231.5		15 6277.5		30 6323.5		15 6369.5
	29 6232.5		16 6278.5	May	1 6324.5		16 6370.5
	30 6233.5		17 6279.5		2 6325.5		17 6371.5
	31 6234.5		18 6280.5		3 6326.5		18 6372.5
Feb.	1 6235.5		19 6281.5		4 6327.5		19 6373.5
	2 6236.5		20 6282.5		5 6328.5		20 6374.5
	3 6237.5		21 6283.5		6 6329.5		21 6375.5
	4 6238.5		22 6284.5		7 6330.5		22 6376.5
	5 6239.5		23 6285.5		8 6331.5		23 6377.5
	6 6240.5		24 6286.5		9 6332.5		24 6378.5
	7 6241.5		25 6287.5		10 6333.5		25 6379.5
	8 6242.5		26 6288.5		11 6334.5		26 6380.5
	9 6243.5		27 6289.5		12 6335.5		27 6381.5
	10 6244.5		28 6290.5		13 6336.5		28 6382.5
	11 6245.5		29 6291.5		14 6337.5		29 6383.5
	12 6246.5		30 6292.5		15 6338.5		30 6384.5
	13 6247.5		31 6293.5		16 6339.5	July	1 6385.5
	14 6248.5	Apr.	1 6294.5		17 6340.5		2 6386.5

## JULIAN DAYS, 1958

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>243</b>		<b>243</b>		<b>243</b>		<b>243</b>
July	1 6385.5	Aug.	16 6431.5	Oct.	1 6477.5	Nov.	16 6523.5
	2 6386.5		17 6432.5		2 6478.5		17 6524.5
	3 6387.5		18 6433.5		3 6479.5		18 6525.5
	4 6388.5		19 6434.5		4 6480.5		19 6526.5
	5 6389.5		20 6435.5		5 6481.5		20 6527.5
	6 6390.5		21 6436.5		6 6482.5		21 6528.5
	7 6391.5		22 6437.5		7 6483.5		22 6529.5
	8 6392.5		23 6438.5		8 6484.5		23 6530.5
	9 6393.5		24 6439.5		9 6485.5		24 6531.5
	10 6394.5		25 6440.5		10 6486.5		25 6532.5
	11 6395.5		26 6441.5		11 6487.5		26 6533.5
	12 6396.5		27 6442.5		12 6488.5		27 6534.5
	13 6397.5		28 6443.5		13 6489.5		28 6535.5
	14 6398.5		29 6444.5		14 6490.5		29 6536.5
	15 6399.5		30 6445.5		15 6491.5		30 6537.5
	16 6400.5		31 6446.5		16 6492.5	Dec.	1 6538.5
	17 6401.5	Sept.	1 6447.5		17 6493.5		2 6539.5
	18 6402.5		2 6448.5		18 6494.5		3 6540.5
	19 6403.5		3 6449.5		19 6495.5		4 6541.5
	20 6404.5		4 6450.5		20 6496.5		5 6542.5
	21 6405.5		5 6451.5		21 6497.5		6 6543.5
	22 6406.5		6 6452.5		22 6498.5		7 6544.5
	23 6407.5		7 6453.5		23 6499.5		8 6545.5
	24 6408.5		8 6454.5		24 6500.5		9 6546.5
	25 6409.5		9 6455.5		25 6501.5		10 6547.5
	26 6410.5		10 6456.5		26 6502.5		11 6548.5
	27 6411.5		11 6457.5		27 6503.5		12 6549.5
	28 6412.5		12 6458.5		28 6504.5		13 6550.5
	29 6413.5		13 6459.5		29 6505.5		14 6551.5
	30 6414.5		14 6460.5		30 6506.5		15 6552.5
	31 6415.5		15 6461.5		31 6507.5		16 6553.5
Aug.	1 6416.5		16 6462.5	Nov.	1 6508.5		17 6554.5
	2 6417.5		17 6463.5		2 6509.5		18 6555.5
	3 6418.5		18 6464.5		3 6510.5		19 6556.5
	4 6419.5		19 6465.5		4 6511.5		20 6557.5
	5 6420.5		20 6466.5		5 6512.5		21 6558.5
	6 6421.5		21 6467.5		6 6513.5		22 6559.5
	7 6422.5		22 6468.5		7 6514.5		23 6560.5
	8 6423.5		23 6469.5		8 6515.5		24 6561.5
	9 6424.5		24 6470.5		9 6516.5		25 6562.5
	10 6425.5		25 6471.5		10 6517.5		26 6563.5
	11 6426.5		26 6472.5		11 6518.5		27 6564.5
	12 6427.5		27 6473.5		12 6519.5		28 6565.5
	13 6428.5		28 6474.5		13 6520.5		29 6566.5
	14 6429.5		29 6475.5		14 6521.5		30 6567.5
	15 6430.5		30 6476.5		15 6522.5		31 6568.5

## JULIAN DAYS, 1959

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>243</b>		<b>243</b>		<b>243</b>		<b>243</b>
Jan.	0 <b>6568.5</b>	Feb.	15 <b>6614.5</b>	Apr.	2 <b>6660.5</b>	May	18 <b>6706.5</b>
	1 <b>6569.5</b>		16 <b>6615.5</b>		3 <b>6661.5</b>		19 <b>6707.5</b>
	2 <b>6570.5</b>		17 <b>6616.5</b>		4 <b>6662.5</b>		20 <b>6708.5</b>
	3 <b>6571.5</b>		18 <b>6617.5</b>		5 <b>6663.5</b>		21 <b>6709.5</b>
	4 <b>6572.5</b>		19 <b>6618.5</b>		6 <b>6664.5</b>		22 <b>6710.5</b>
	5 <b>6573.5</b>		20 <b>6619.5</b>		7 <b>6665.5</b>		23 <b>6711.5</b>
	6 <b>6574.5</b>		21 <b>6620.5</b>		8 <b>6666.5</b>		24 <b>6712.5</b>
	7 <b>6575.5</b>		22 <b>6621.5</b>		9 <b>6667.5</b>		25 <b>6713.5</b>
	8 <b>6576.5</b>		23 <b>6622.5</b>		10 <b>6668.5</b>		26 <b>6714.5</b>
	9 <b>6577.5</b>		24 <b>6623.5</b>		11 <b>6669.5</b>		27 <b>6715.5</b>
	10 <b>6578.5</b>		25 <b>6624.5</b>		12 <b>6670.5</b>		28 <b>6716.5</b>
	11 <b>6579.5</b>		26 <b>6625.5</b>		13 <b>6671.5</b>		29 <b>6717.5</b>
	12 <b>6580.5</b>		27 <b>6626.5</b>		14 <b>6672.5</b>		30 <b>6718.5</b>
	13 <b>6581.5</b>		28 <b>6627.5</b>		15 <b>6673.5</b>		31 <b>6719.5</b>
	14 <b>6582.5</b>	Mar.	1 <b>6628.5</b>		16 <b>6674.5</b>	June	1 <b>6720.5</b>
	15 <b>6583.5</b>		2 <b>6629.5</b>		17 <b>6675.5</b>		2 <b>6721.5</b>
	16 <b>6584.5</b>		3 <b>6630.5</b>		18 <b>6676.5</b>		3 <b>6722.5</b>
	17 <b>6585.5</b>		4 <b>6631.5</b>		19 <b>6677.5</b>		4 <b>6723.5</b>
	18 <b>6586.5</b>		5 <b>6632.5</b>		20 <b>6678.5</b>		5 <b>6724.5</b>
	19 <b>6587.5</b>		6 <b>6633.5</b>		21 <b>6679.5</b>		6 <b>6725.5</b>
	20 <b>6588.5</b>		7 <b>6634.5</b>		22 <b>6680.5</b>		7 <b>6726.5</b>
	21 <b>6589.5</b>		8 <b>6635.5</b>		23 <b>6681.5</b>		8 <b>6727.5</b>
	22 <b>6590.5</b>		9 <b>6636.5</b>		24 <b>6682.5</b>		9 <b>6728.5</b>
	23 <b>6591.5</b>		10 <b>6637.5</b>		25 <b>6683.5</b>		10 <b>6729.5</b>
	24 <b>6592.5</b>		11 <b>6638.5</b>		26 <b>6684.5</b>		11 <b>6730.5</b>
	25 <b>6593.5</b>		12 <b>6639.5</b>		27 <b>6685.5</b>		12 <b>6731.5</b>
	26 <b>6594.5</b>		13 <b>6640.5</b>		28 <b>6686.5</b>		13 <b>6732.5</b>
	27 <b>6595.5</b>		14 <b>6641.5</b>		29 <b>6687.5</b>		14 <b>6733.5</b>
	28 <b>6596.5</b>		15 <b>6642.5</b>		30 <b>6688.5</b>		15 <b>6734.5</b>
	29 <b>6597.5</b>		16 <b>6643.5</b>	May	1 <b>6689.5</b>		16 <b>6735.5</b>
	30 <b>6598.5</b>		17 <b>6644.5</b>		2 <b>6690.5</b>		17 <b>6736.5</b>
	31 <b>6599.5</b>		18 <b>6645.5</b>		3 <b>6691.5</b>		18 <b>6737.5</b>
Feb.	1 <b>6600.5</b>		19 <b>6646.5</b>		4 <b>6692.5</b>		19 <b>6738.5</b>
	2 <b>6601.5</b>		20 <b>6647.5</b>		5 <b>6693.5</b>		20 <b>6739.5</b>
	3 <b>6602.5</b>		21 <b>6648.5</b>		6 <b>6694.5</b>		21 <b>6740.5</b>
	4 <b>6603.5</b>		22 <b>6649.5</b>		7 <b>6695.5</b>		22 <b>6741.5</b>
	5 <b>6604.5</b>		23 <b>6650.5</b>		8 <b>6696.5</b>		23 <b>6742.5</b>
	6 <b>6605.5</b>		24 <b>6651.5</b>		9 <b>6697.5</b>		24 <b>6743.5</b>
	7 <b>6606.5</b>		25 <b>6652.5</b>		10 <b>6698.5</b>		25 <b>6744.5</b>
	8 <b>6607.5</b>		26 <b>6653.5</b>		11 <b>6699.5</b>		26 <b>6745.5</b>
	9 <b>6608.5</b>		27 <b>6654.5</b>		12 <b>6700.5</b>		27 <b>6746.5</b>
	10 <b>6609.5</b>		28 <b>6655.5</b>		13 <b>6701.5</b>		28 <b>6747.5</b>
	11 <b>6610.5</b>		29 <b>6656.5</b>		14 <b>6702.5</b>		29 <b>6748.5</b>
	12 <b>6611.5</b>		30 <b>6657.5</b>		15 <b>6703.5</b>		30 <b>6749.5</b>
	13 <b>6612.5</b>		31 <b>6658.5</b>		16 <b>6704.5</b>	July	1 <b>6750.5</b>
	14 <b>6613.5</b>	Apr.	1 <b>6659.5</b>		17 <b>6705.5</b>		2 <b>6751.5</b>



## JULIAN DAYS, 1959

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>243</b>		<b>243</b>		<b>243</b>		<b>243</b>
July	1 <b>6750.5</b>	Aug.	16 <b>6796.5</b>	Oct.	1 <b>6842.5</b>	Nov.	16 <b>6888.5</b>
	2 <b>6751.5</b>		17 <b>6797.5</b>		2 <b>6843.5</b>		17 <b>6889.5</b>
	3 <b>6752.5</b>		18 <b>6798.5</b>		3 <b>6844.5</b>		18 <b>6890.5</b>
	4 <b>6753.5</b>		19 <b>6799.5</b>		4 <b>6845.5</b>		19 <b>6891.5</b>
	5 <b>6754.5</b>		20 <b>6800.5</b>		5 <b>6846.5</b>		20 <b>6892.5</b>
	6 <b>6755.5</b>		21 <b>6801.5</b>		6 <b>6847.5</b>		21 <b>6893.5</b>
	7 <b>6756.5</b>		22 <b>6802.5</b>		7 <b>6848.5</b>		22 <b>6894.5</b>
	8 <b>6757.5</b>		23 <b>6803.5</b>		8 <b>6849.5</b>		23 <b>6895.5</b>
	9 <b>6758.5</b>		24 <b>6804.5</b>		9 <b>6850.5</b>		24 <b>6896.5</b>
	10 <b>6759.5</b>		25 <b>6805.5</b>		10 <b>6851.5</b>		25 <b>6897.5</b>
	11 <b>6760.5</b>		26 <b>6806.5</b>		11 <b>6852.5</b>		26 <b>6898.5</b>
	12 <b>6761.5</b>		27 <b>6807.5</b>		12 <b>6853.5</b>		27 <b>6899.5</b>
	13 <b>6762.5</b>		28 <b>6808.5</b>		13 <b>6854.5</b>		28 <b>6900.5</b>
	14 <b>6763.5</b>		29 <b>6809.5</b>		14 <b>6855.5</b>		29 <b>6901.5</b>
	15 <b>6764.5</b>		30 <b>6810.5</b>		15 <b>6856.5</b>		30 <b>6902.5</b>
	16 <b>6765.5</b>		31 <b>6811.5</b>		16 <b>6857.5</b>	Dec.	1 <b>6903.5</b>
	17 <b>6766.5</b>	Sept.	1 <b>6812.5</b>		17 <b>6858.5</b>		2 <b>6904.5</b>
	18 <b>6767.5</b>		2 <b>6813.5</b>		18 <b>6859.5</b>		3 <b>6905.5</b>
	19 <b>6768.5</b>		3 <b>6814.5</b>		19 <b>6860.5</b>		4 <b>6906.5</b>
	20 <b>6769.5</b>		4 <b>6815.5</b>		20 <b>6861.5</b>		5 <b>6907.5</b>
	21 <b>6770.5</b>		5 <b>6816.5</b>		21 <b>6862.5</b>		6 <b>6908.5</b>
	22 <b>6771.5</b>		6 <b>6817.5</b>		22 <b>6863.5</b>		7 <b>6909.5</b>
	23 <b>6772.5</b>		7 <b>6818.5</b>		23 <b>6864.5</b>		8 <b>6910.5</b>
	24 <b>6773.5</b>		8 <b>6819.5</b>		24 <b>6865.5</b>		9 <b>6911.5</b>
	25 <b>6774.5</b>		9 <b>6820.5</b>		25 <b>6866.5</b>		10 <b>6912.5</b>
	26 <b>6775.5</b>		10 <b>6821.5</b>		26 <b>6867.5</b>		11 <b>6913.5</b>
	27 <b>6776.5</b>		11 <b>6822.5</b>		27 <b>6868.5</b>		12 <b>6914.5</b>
	28 <b>6777.5</b>		12 <b>6823.5</b>		28 <b>6869.5</b>		13 <b>6915.5</b>
	29 <b>6778.5</b>		13 <b>6824.5</b>		29 <b>6870.5</b>		14 <b>6916.5</b>
	30 <b>6779.5</b>		14 <b>6825.5</b>		30 <b>6871.5</b>		15 <b>6917.5</b>
	31 <b>6780.5</b>		15 <b>6826.5</b>		31 <b>6872.5</b>		16 <b>6918.5</b>
Aug.	1 <b>6781.5</b>		16 <b>6827.5</b>	Nov.	1 <b>6873.5</b>		17 <b>6919.5</b>
	2 <b>6782.5</b>		17 <b>6828.5</b>		2 <b>6874.5</b>		18 <b>6920.5</b>
	3 <b>6783.5</b>		18 <b>6829.5</b>		3 <b>6875.5</b>		19 <b>6921.5</b>
	4 <b>6784.5</b>		19 <b>6830.5</b>		4 <b>6876.5</b>		20 <b>6922.5</b>
	5 <b>6785.5</b>		20 <b>6831.5</b>		5 <b>6877.5</b>		21 <b>6923.5</b>
	6 <b>6786.5</b>		21 <b>6832.5</b>		6 <b>6878.5</b>		22 <b>6924.5</b>
	7 <b>6787.5</b>		22 <b>6833.5</b>		7 <b>6879.5</b>		23 <b>6925.5</b>
	8 <b>6788.5</b>		23 <b>6834.5</b>		8 <b>6880.5</b>		24 <b>6926.5</b>
	9 <b>6789.5</b>		24 <b>6835.5</b>		9 <b>6881.5</b>		25 <b>6927.5</b>
	10 <b>6790.5</b>		25 <b>6836.5</b>		10 <b>6882.5</b>		26 <b>6928.5</b>
	11 <b>6791.5</b>		26 <b>6837.5</b>		11 <b>6883.5</b>		27 <b>6929.5</b>
	12 <b>6792.5</b>		27 <b>6838.5</b>		12 <b>6884.5</b>		28 <b>6930.5</b>
	13 <b>6793.5</b>		28 <b>6839.5</b>		13 <b>6885.5</b>		29 <b>6931.5</b>
	14 <b>6794.5</b>		29 <b>6840.5</b>		14 <b>6886.5</b>		30 <b>6932.5</b>
	15 <b>6795.5</b>		30 <b>6841.5</b>		15 <b>6887.5</b>		31 <b>6933.5</b>

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Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>243</b>		<b>243</b>		<b>243</b>		<b>243</b>
Jan.	0 6933.5	Feb.	15 6979.5	Apr.	1 7025.5	May	17 7071.5
	1 6934.5		16 6980.5		2 7026.5		18 7072.5
	2 6935.5		17 6981.5		3 7027.5		10 7073.5
	3 6936.5		18 6982.5		4 7028.5		20 7074.5
	4 6937.5		19 6983.5		5 7029.5		21 7075.5
	5 6938.5		20 6984.5		6 7030.5		22 7076.5
	6 6939.5		21 6985.5		7 7031.5		23 7077.5
	7 6940.5		22 6986.5		8 7032.5		24 7078.5
	8 6941.5		23 6987.5		9 7033.5		25 7079.5
	9 6942.5		24 6988.5		10 7034.5		26 7080.5
	10 6943.5		25 6989.5		11 7035.5		27 7081.5
	11 6944.5		26 6990.5		12 7036.5		28 7082.5
	12 6945.5		27 6991.5		13 7037.5		29 7083.5
	13 6946.5		28 6992.5		14 7038.5		30 7084.5
	14 6947.5		29 6993.5		15 7039.5		31 7085.5
	15 6948.5	Mar.	1 6994.5		16 7040.5	June	1 7086.5
	16 6949.5		2 6995.5		17 7041.5		2 7087.5
	17 6950.5		3 6996.5		18 7042.5		3 7088.5
	18 6951.5		4 6997.5		19 7043.5		4 7089.5
	19 6952.5		5 6998.5		20 7044.5		5 7090.5
	20 6953.5		6 6999.5		21 7045.5		6 7091.5
	21 6954.5		7 7000.5		22 7046.5		7 7092.5
	22 6955.5		8 7001.5		23 7047.5		8 7093.5
	23 6956.5		9 7002.5		24 7048.5		9 7094.5
	24 6957.5		10 7003.5		25 7049.5		10 7095.5
	25 6958.5		11 7004.5		26 7050.5		11 7096.5
	26 6959.5		12 7005.5		27 7051.5		12 7097.5
	27 6960.5		13 7006.5		28 7052.5		13 7098.5
	28 6961.5		14 7007.5		29 7053.5		14 7099.5
	29 6962.5		15 7008.5		30 7054.5		15 7100.5
	30 6963.5		16 7009.5	May	1 7055.5		16 7101.5
	31 6964.5		17 7010.5		2 7056.5		17 7102.5
Feb.	1 6965.5		18 7011.5		3 7057.5		18 7103.5
	2 6966.5		19 7012.5		4 7058.5		19 7104.5
	3 6967.5		20 7013.5		5 7059.5		20 7105.5
	4 6968.5		21 7014.5		6 7060.5		21 7106.5
	5 6969.5		22 7015.5		7 7061.5		22 7107.5
	6 6970.5		23 7016.5		8 7062.5		23 7108.5
	7 6971.5		24 7017.5		9 7063.5		24 7109.5
	8 6972.5		25 7018.5		10 7064.5		25 7110.5
	9 6973.5		26 7019.5		11 7065.5		26 7111.5
	10 6974.5		27 7020.5		12 7066.5		27 7112.5
	11 6975.5		28 7021.5		13 7067.5		28 7113.5
	12 6976.5		29 7022.5		14 7068.5		29 7114.5
	13 6977.5		30 7023.5		15 7069.5		30 7115.5
	14 6978.5		31 7024.5		16 7070.5	July	1 7116.5

## JULIAN DAYS, 1960

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>243</b>		<b>243</b>		<b>243</b>		<b>243</b>
July	1 7116.5	Aug.	16 7162.5	Oct.	1 7208.5	Nov.	16 7254.5
	2 7117.5		17 7163.5		2 7209.5		17 7255.5
	3 7118.5		18 7164.5		3 7210.5		18 7256.5
	4 7119.5		19 7165.5		4 7211.5		19 7257.5
	5 7120.5		20 7166.5		5 7212.5		20 7258.5
	6 7121.5		21 7167.5		6 7213.5		21 7259.5
	7 7122.5		22 7168.5		7 7214.5		22 7260.5
	8 7123.5		23 7169.5		8 7215.5		23 7261.5
	9 7124.5		24 7170.5		9 7216.5		24 7262.5
	10 7125.5		25 7171.5		10 7217.5		25 7263.5
	11 7126.5		26 7172.5		11 7218.5		26 7264.5
	12 7127.5		27 7173.5		12 7219.5		27 7265.5
	13 7128.5		28 7174.5		13 7220.5		28 7266.5
	14 7129.5		29 7175.5		14 7221.5		29 7267.5
	15 7130.5		30 7176.5		15 7222.5		30 7268.5
	16 7131.5		31 7177.5		16 7223.5	Dec.	1 7269.5
	17 7132.5	Sept.	1 7178.5		17 7224.5		2 7270.5
	18 7133.5		2 7179.5		18 7225.5		3 7271.5
	19 7134.5		3 7180.5		19 7226.5		4 7272.5
	20 7135.5		4 7181.5		20 7227.5		5 7273.5
	21 7136.5		5 7182.5		21 7228.5		6 7274.5
	22 7137.5		6 7183.5		22 7229.5		7 7275.5
	23 7138.5		7 7184.5		23 7230.5		8 7276.5
	24 7139.5		8 7185.5		24 7231.5		9 7277.5
	25 7140.5		9 7186.5		25 7232.5		10 7278.5
	26 7141.5		10 7187.5		26 7233.5		11 7279.5
	27 7142.5		11 7188.5		27 7234.5		12 7280.5
	28 7143.5		12 7189.5		28 7235.5		13 7281.5
	29 7144.5		13 7190.5		29 7236.5		14 7282.5
	30 7145.5		14 7191.5		30 7237.5		15 7283.5
	31 7146.5		15 7192.5		31 7238.5		16 7284.5
Aug.	1 7147.5		16 7193.5	Nov.	1 7239.5		17 7285.5
	2 7148.5		17 7194.5		2 7240.5		18 7286.5
	3 7149.5		18 7195.5		3 7241.5		19 7287.5
	4 7150.5		19 7196.5		4 7242.5		20 7288.5
	5 7151.5		20 7197.5		5 7243.5		21 7289.5
	6 7152.5		21 7198.5		6 7244.5		22 7290.5
	7 7153.5		22 7199.5		7 7245.5		23 7291.5
	8 7154.5		23 7200.5		8 7246.5		24 7292.5
	9 7155.5		24 7201.5		9 7247.5		25 7293.5
	10 7156.5		25 7202.5		10 7248.5		26 7294.5
	11 7157.5		26 7203.5		11 7249.5		27 7295.5
	12 7158.5		27 7204.5		12 7250.5		28 7296.5
	13 7159.5		28 7205.5		13 7251.5		29 7297.5
	14 7160.5		29 7206.5		14 7252.5		30 7298.5
	15 7161.5		30 7207.5		15 7253.5		31 7299.5

## JULIAN DAYS, 1961

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>243</b>		<b>243</b>		<b>243</b>		<b>243</b>
Jan.	0 7299.5	Feb.	15 7345.5	Apr.	2 7391.5	May	18 7437.5
	1 7300.5		16 7346.5		3 7392.5		19 7438.5
	2 7301.5		17 7347.5		4 7393.5		20 7439.5
	3 7302.5		18 7348.5		5 7394.5		21 7440.5
	4 7303.5		19 7349.5		6 7395.5		22 7441.5
	5 7304.5		20 7350.5		7 7396.5		23 7442.5
	6 7305.5		21 7351.5		8 7397.5		24 7443.5
	7 7306.5		22 7352.5		9 7398.5		25 7444.5
	8 7307.5		23 7353.5		10 7399.5		26 7445.5
	9 7308.5		24 7354.5		11 7400.5		27 7446.5
	10 7309.5		25 7355.5		12 7401.5		28 7447.5
	11 7310.5		26 7356.5		13 7402.5		29 7448.5
	12 7311.5		27 7357.5		14 7403.5		30 7449.5
	13 7312.5		28 7358.5		15 7404.5		31 7450.5
	14 7313.5	Mar.	1 7359.5		16 7405.5	June	1 7451.5
	15 7314.5		2 7360.5		17 7406.5		2 7452.5
	16 7315.5		3 7361.5		18 7407.5		3 7453.5
	17 7316.5		4 7362.5		19 7408.5		4 7454.5
	18 7317.5		5 7363.5		20 7409.5		5 7455.5
	19 7318.5		6 7364.5		21 7410.5		6 7456.5
	20 7319.5		7 7365.5		22 7411.5		7 7457.5
	21 7320.5		8 7366.5		23 7412.5		8 7458.5
	22 7321.5		9 7367.5		24 7413.5		9 7459.5
	23 7322.5		10 7368.5		25 7414.5		10 7460.5
	24 7323.5		11 7369.5		26 7415.5		11 7461.5
	25 7324.5		12 7370.5		27 7416.5		12 7462.5
	26 7325.5		13 7371.5		28 7417.5		13 7463.5
	27 7326.5		14 7372.5		29 7418.5		14 7464.5
	28 7327.5		15 7373.5		30 7419.5		15 7465.5
	29 7328.5		16 7374.5	May	1 7420.5		16 7466.5
	30 7329.5		17 7375.5		2 7421.5		17 7467.5
	31 7330.5		18 7376.5		3 7422.5		18 7468.5
Feb.	1 7331.5		19 7377.5		4 7423.5		19 7469.5
	2 7332.5		20 7378.5		5 7424.5		20 7470.5
	3 7333.5		21 7379.5		6 7425.5		21 7471.5
	4 7334.5		22 7380.5		7 7426.5		22 7472.5
	5 7335.5		23 7381.5		8 7427.5		23 7473.5
	6 7336.5		24 7382.5		9 7428.5		24 7474.5
	7 7337.5		25 7383.5		10 7429.5		25 7475.5
	8 7338.5		26 7384.5		11 7430.5		26 7476.5
	9 7339.5		27 7385.5		12 7431.5		27 7477.5
	10 7340.5		28 7386.5		13 7432.5		28 7478.5
	11 7341.5		29 7387.5		14 7433.5		29 7479.5
	12 7342.5		30 7388.5		15 7434.5		30 7480.5
	13 7343.5		31 7389.5		16 7435.5	July	1 7481.5
	14 7344.5	Apr.	1 7390.5		17 7436.5		2 7482.5

## JULIAN DAYS, 1961

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>243</b>		<b>243</b>		<b>243</b>		<b>243</b>
July	1 7481.5	Aug.	16 7527.5	Oct.	1 7573.5	Nov.	16 7619.5
	2 7482.5		17 7528.5		2 7574.5		17 7620.5
	3 7483.5		18 7529.5		3 7575.5		18 7621.5
	4 7484.5		19 7530.5		4 7576.5		19 7622.5
	5 7485.5		20 7531.5		5 7577.5		20 7623.5
	6 7486.5		21 7532.5		6 7578.5		21 7624.5
	7 7487.5		22 7533.5		7 7579.5		22 7625.5
	8 7488.5		23 7534.5		8 7580.5		23 7626.5
	9 7489.5		24 7535.5		9 7581.5		24 7627.5
	10 7490.5		25 7536.5		10 7582.5		25 7628.5
	11 7491.5		26 7537.5		11 7583.5		26 7629.5
	12 7492.5		27 7538.5		12 7584.5		27 7630.5
	13 7493.5		28 7539.5		13 7585.5		28 7631.5
	14 7494.5		29 7540.5		14 7586.5		29 7632.5
	15 7495.5		30 7541.5		15 7587.5		30 7633.5
	16 7496.5		31 7542.5		16 7588.5	Dec.	1 7634.5
	17 7497.5	Sept.	1 7543.5		17 7589.5		2 7635.5
	18 7498.5		2 7544.5		18 7590.5		3 7636.5
	19 7499.5		3 7545.5		19 7591.5		4 7637.5
	20 7500.5		4 7546.5		20 7592.5		5 7638.5
	21 7501.5		5 7547.5		21 7593.5		6 7639.5
	22 7502.5		6 7548.5		22 7594.5		7 7640.5
	23 7503.5		7 7549.5		23 7595.5		8 7641.5
	24 7504.5		8 7550.5		24 7596.5		9 7642.5
	25 7505.5		9 7551.5		25 7597.5		10 7643.5
	26 7506.5		10 7552.5		26 7598.5		11 7644.5
	27 7507.5		11 7553.5		27 7599.5		12 7645.5
	28 7508.5		12 7554.5		28 7600.5		13 7646.5
	29 7509.5		13 7555.5		29 7601.5		14 7647.5
	30 7510.5		14 7556.5		30 7602.5		15 7648.5
	31 7511.5		15 7557.5		31 7603.5		16 7649.5
Aug.	1 7512.5		16 7558.5	Nov.	1 7604.5		17 7650.5
	2 7513.5		17 7559.5		2 7605.5		18 7651.5
	3 7514.5		18 7560.5		3 7606.5		19 7652.5
	4 7515.5		19 7561.5		4 7607.5		20 7653.5
	5 7516.5		20 7562.5		5 7608.5		21 7654.5
	6 7517.5		21 7563.5		6 7609.5		22 7655.5
	7 7518.5		22 7564.5		7 7610.5		23 7656.5
	8 7519.5		23 7565.5		8 7611.5		24 7657.5
	9 7520.5		24 7566.5		9 7612.5		25 7658.5
	10 7521.5		25 7567.5		10 7613.5		26 7659.5
	11 7522.5		26 7568.5		11 7614.5		27 7660.5
	12 7523.5		27 7569.5		12 7615.5		28 7661.5
	13 7524.5		28 7570.5		13 7616.5		29 7662.5
	14 7525.5		29 7571.5		14 7617.5		30 7663.5
	15 7526.5		30 7572.5		15 7618.5		31 7664.5

## JULIAN DAYS, 1962

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>243</b>		<b>243</b>		<b>243</b>		<b>243</b>
Jan.	0 7664.5	Feb.	15 7710.5	Apr.	2 7756.5	May	18 7802.5
	1 7665.5		16 7711.5		3 7757.5		19 7803.5
	2 7666.5		17 7712.5		4 7758.5		20 7804.5
	3 7667.5		18 7713.5		5 7759.5		21 7805.5
	4 7668.5		19 7714.5		6 7760.5		22 7806.5
	5 7669.5		20 7715.5		7 7761.5		23 7807.5
	6 7670.5		21 7716.5		8 7762.5		24 7808.5
	7 7671.5		22 7717.5		9 7763.5		25 7809.5
	8 7672.5		23 7718.5		10 7764.5		26 7810.5
	9 7673.5		24 7719.5		11 7765.5		27 7811.5
	10 7674.5		25 7720.5		12 7766.5		28 7812.5
	11 7675.5		26 7721.5		13 7767.5		29 7813.5
	12 7676.5		27 7722.5		14 7768.5		30 7814.5
	13 7677.5		28 7723.5		15 7769.5		31 7815.5
	14 7678.5	Mar.	1 7724.5		16 7770.5	June	1 7816.5
	15 7679.5		2 7725.5		17 7771.5		2 7817.5
	16 7680.5		3 7726.5		18 7772.5		3 7818.5
	17 7681.5		4 7727.5		19 7773.5		4 7819.5
	18 7682.5		5 7728.5		20 7774.5		5 7820.5
	19 7683.5		6 7729.5		21 7775.5		6 7821.5
	20 7684.5		7 7730.5		22 7776.5		7 7822.5
	21 7685.5		8 7731.5		23 7777.5		8 7823.5
	22 7686.5		9 7732.5		24 7778.5		9 7824.5
	23 7687.5		10 7733.5		25 7779.5		10 7825.5
	24 7688.5		11 7734.5		26 7780.5		11 7826.5
	25 7689.5		12 7735.5		27 7781.5		12 7827.5
	26 7690.5		13 7736.5		28 7782.5		13 7828.5
	27 7691.5		14 7737.5		29 7783.5		14 7829.5
	28 7692.5		15 7738.5		30 7784.5		15 7830.5
	29 7693.5		16 7739.5	May	1 7785.5		16 7831.5
	30 7694.5		17 7740.5		2 7786.5		17 7832.5
	31 7695.5		18 7741.5		3 7787.5		18 7833.5
Feb.	1 7696.5		19 7742.5		4 7788.5		19 7834.5
	2 7697.5		20 7743.5		5 7789.5		20 7835.5
	3 7698.5		21 7744.5		6 7790.5		21 7836.5
	4 7699.5		22 7745.5		7 7791.5		22 7837.5
	5 7700.5		23 7746.5		8 7792.5		23 7838.5
	6 7701.5		24 7747.5		9 7793.5		24 7839.5
	7 7702.5		25 7748.5		10 7794.5		25 7840.5
	8 7703.5		26 7749.5		11 7795.5		26 7841.5
	9 7704.5		27 7750.5		12 7796.5		27 7842.5
	10 7705.5		28 7751.5		13 7797.5		28 7843.5
	11 7706.5		29 7752.5		14 7798.5		29 7844.5
	12 7707.5		30 7753.5		15 7799.5		30 7845.5
	13 7708.5		31 7754.5		16 7800.5	July	1 7846.5
	14 7709.5	Apr.	1 7755.5		17 7801.5		2 7847.5

## JULIAN DAYS, 1962

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>243</b>		<b>243</b>		<b>243</b>		<b>243</b>
July	1 7846.5	Aug.	16 7892.5	Oct.	1 7938.5	Nov.	16 7984.5
	2 7847.5		17 7893.5		2 7939.5		17 7985.5
	3 7848.5		18 7894.5		3 7940.5		18 7986.5
	4 7849.5		19 7895.5		4 7941.5		19 7987.5
	5 7850.5		20 7896.5		5 7942.5		20 7988.5
	6 7851.5		21 7897.5		6 7943.5		21 7989.5
	7 7852.5		22 7898.5		7 7944.5		22 7990.5
	8 7853.5		23 7899.5		8 7945.5		23 7991.5
	9 7854.5		24 7900.5		9 7946.5		24 7992.5
	10 7855.5		25 7901.5		10 7947.5		25 7993.5
	11 7856.5		26 7902.5		11 7948.5		26 7994.5
	12 7857.5		27 7903.5		12 7949.5		27 7995.5
	13 7858.5		28 7904.5		13 7950.5		28 7996.5
	14 7859.5		29 7905.5		14 7951.5		29 7997.5
	15 7860.5		30 7906.5		15 7952.5		30 7998.5
	16 7861.5		31 7907.5		16 7953.5	Dec.	1 7999.5
	17 7862.5	Sept.	1 7908.5		17 7954.5		2 8000.5
	18 7863.5		2 7909.5		18 7955.5		3 8001.5
	19 7864.5		3 7910.5		19 7956.5		4 8002.5
	20 7865.5		4 7911.5		20 7957.5		5 8003.5
	21 7866.5		5 7912.5		21 7958.5		6 8004.5
	22 7867.5		6 7913.5		22 7959.5		7 8005.5
	23 7868.5		7 7914.5		23 7960.5		8 8006.5
	24 7869.5		8 7915.5		24 7961.5		9 8007.5
	25 7870.5		9 7916.5		25 7962.5		10 8008.5
	26 7871.5		10 7917.5		26 7963.5		11 8009.5
	27 7872.5		11 7918.5		27 7964.5		12 8010.5
	28 7873.5		12 7919.5		28 7965.5		13 8011.5
	29 7874.5		13 7920.5		29 7966.5		14 8012.5
	30 7875.5		14 7921.5		30 7967.5		15 8013.5
	31 7876.5		15 7922.5		31 7968.5		16 8014.5
Aug.	1 7877.5		16 7923.5	Nov.	1 7969.5		17 8015.5
	2 7878.5		17 7924.5		2 7970.5		18 8016.5
	3 7879.5		18 7925.5		3 7971.5		19 8017.5
	4 7880.5		19 7926.5		4 7972.5		20 8018.5
	5 7881.5		20 7927.5		5 7973.5		21 8019.5
	6 7882.5		21 7928.5		6 7974.5		22 8020.5
	7 7883.5		22 7929.5		7 7975.5		23 8021.5
	8 7884.5		23 7930.5		8 7976.5		24 8022.5
	9 7885.5		24 7931.5		9 7977.5		25 8023.5
	10 7886.5		25 7932.5		10 7978.5		26 8024.5
	11 7887.5		26 7933.5		11 7979.5		27 8025.5
	12 7888.5		27 7934.5		12 7980.5		28 8026.5
	13 7889.5		28 7935.5		13 7981.5		29 8027.5
	14 7890.5		29 7936.5		14 7982.5		30 8028.5
	15 7891.5		30 7937.5		15 7983.5		31 8029.5

## JULIAN DAYS, 1963

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>243</b>		<b>243</b>		<b>243</b>		<b>243</b>
Jan.	0 <b>8029.5</b>	Feb.	15 <b>8075.5</b>	Apr.	2 <b>8121.5</b>	May	18 <b>8167.5</b>
	1 <b>8030.5</b>		16 <b>8076.5</b>		3 <b>8122.5</b>		19 <b>8168.5</b>
	2 <b>8031.5</b>		17 <b>8077.5</b>		4 <b>8123.5</b>		20 <b>8169.5</b>
	3 <b>8032.5</b>		18 <b>8078.5</b>		5 <b>8124.5</b>		21 <b>8170.5</b>
	4 <b>8033.5</b>		19 <b>8079.5</b>		6 <b>8125.5</b>		22 <b>8171.5</b>
	5 <b>8034.5</b>		20 <b>8080.5</b>		7 <b>8126.5</b>		23 <b>8172.5</b>
	6 <b>8035.5</b>		21 <b>8081.5</b>		8 <b>8127.5</b>		24 <b>8173.5</b>
	7 <b>8036.5</b>		22 <b>8082.5</b>		9 <b>8128.5</b>		25 <b>8174.5</b>
	8 <b>8037.5</b>		23 <b>8083.5</b>		10 <b>8129.5</b>		26 <b>8175.5</b>
	9 <b>8038.5</b>		24 <b>8084.5</b>		11 <b>8130.5</b>		27 <b>8176.5</b>
	10 <b>8039.5</b>		25 <b>8085.5</b>		12 <b>8131.5</b>		28 <b>8177.5</b>
	11 <b>8040.5</b>		26 <b>8086.5</b>		13 <b>8132.5</b>		29 <b>8178.5</b>
	12 <b>8041.5</b>		27 <b>8087.5</b>		14 <b>8133.5</b>		30 <b>8179.5</b>
	13 <b>8042.5</b>		28 <b>8088.5</b>		15 <b>8134.5</b>		31 <b>8180.5</b>
	14 <b>8043.5</b>	Mar.	1 <b>8089.5</b>		16 <b>8135.5</b>	June	1 <b>8181.5</b>
	15 <b>8044.5</b>		2 <b>8090.5</b>		17 <b>8136.5</b>		2 <b>8182.5</b>
	16 <b>8045.5</b>		3 <b>8091.5</b>		18 <b>8137.5</b>		3 <b>8183.5</b>
	17 <b>8046.5</b>		4 <b>8092.5</b>		19 <b>8138.5</b>		4 <b>8184.5</b>
	18 <b>8047.5</b>		5 <b>8093.5</b>		20 <b>8139.5</b>		5 <b>8185.5</b>
	19 <b>8048.5</b>		6 <b>8094.5</b>		21 <b>8140.5</b>		6 <b>8186.5</b>
	20 <b>8049.5</b>		7 <b>8095.5</b>		22 <b>8141.5</b>		7 <b>8187.5</b>
	21 <b>8050.5</b>		8 <b>8096.5</b>		23 <b>8142.5</b>		8 <b>8188.5</b>
	22 <b>8051.5</b>		9 <b>8097.5</b>		24 <b>8143.5</b>		9 <b>8189.5</b>
	23 <b>8052.5</b>		10 <b>8098.5</b>		25 <b>8144.5</b>		10 <b>8190.5</b>
	24 <b>8053.5</b>		11 <b>8099.5</b>		26 <b>8145.5</b>		11 <b>8191.5</b>
	25 <b>8054.5</b>		12 <b>8100.5</b>		27 <b>8146.5</b>		12 <b>8192.5</b>
	26 <b>8055.5</b>		13 <b>8101.5</b>		28 <b>8147.5</b>		13 <b>8193.5</b>
	27 <b>8056.5</b>		14 <b>8102.5</b>		29 <b>8148.5</b>		14 <b>8194.5</b>
	28 <b>8057.5</b>		15 <b>8103.5</b>		30 <b>8149.5</b>		15 <b>8195.5</b>
	29 <b>8058.5</b>		16 <b>8104.5</b>	May	1 <b>8150.5</b>		16 <b>8196.5</b>
	30 <b>8059.5</b>		17 <b>8105.5</b>		2 <b>8151.5</b>		17 <b>8197.5</b>
	31 <b>8060.5</b>		18 <b>8106.5</b>		3 <b>8152.5</b>		18 <b>8198.5</b>
Feb.	1 <b>8061.5</b>		19 <b>8107.5</b>		4 <b>8153.5</b>		19 <b>8199.5</b>
	2 <b>8062.5</b>		20 <b>8108.5</b>		5 <b>8154.5</b>		20 <b>8200.5</b>
	3 <b>8063.5</b>		21 <b>8109.5</b>		6 <b>8155.5</b>		21 <b>8201.5</b>
	4 <b>8064.5</b>		22 <b>8110.5</b>		7 <b>8156.5</b>		22 <b>8202.5</b>
	5 <b>8065.5</b>		23 <b>8111.5</b>		8 <b>8157.5</b>		23 <b>8203.5</b>
	6 <b>8066.5</b>		24 <b>8112.5</b>		9 <b>8158.5</b>		24 <b>8204.5</b>
	7 <b>8067.5</b>		25 <b>8113.5</b>		10 <b>8159.5</b>		25 <b>8205.5</b>
	8 <b>8068.5</b>		26 <b>8114.5</b>		11 <b>8160.5</b>		26 <b>8206.5</b>
	9 <b>8069.5</b>		27 <b>8115.5</b>		12 <b>8161.5</b>		27 <b>8207.5</b>
	10 <b>8070.5</b>		28 <b>8116.5</b>		13 <b>8162.5</b>		28 <b>8208.5</b>
	11 <b>8071.5</b>		29 <b>8117.5</b>		14 <b>8163.5</b>		29 <b>8209.5</b>
	12 <b>8072.5</b>		30 <b>8118.5</b>		15 <b>8164.5</b>		30 <b>8210.5</b>
	13 <b>8073.5</b>		31 <b>8119.5</b>		16 <b>8165.5</b>	July	1 <b>8211.5</b>
	14 <b>8074.5</b>	Apr.	1 <b>8120.5</b>		17 <b>8166.5</b>		2 <b>8212.5</b>



## JULIAN DAYS, 1963

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>243</b>		<b>243</b>		<b>243</b>		<b>243</b>
July	1 8211.5	Aug.	16 8257.5	Oct.	1 8303.5	Nov.	16 8349.5
	2 8212.5		17 8258.5		2 8304.5		17 8350.5
	3 8213.5		18 8259.5		3 8305.5		18 8351.5
	4 8214.5		19 8260.5		4 8306.5		19 8352.5
	5 8215.5		20 8261.5		5 8307.5		20 8353.5
	6 8216.5		21 8262.5		6 8308.5		21 8354.5
	7 8217.5		22 8263.5		7 8309.5		22 8355.5
	8 8218.5		23 8264.5		8 8310.5		23 8356.5
	9 8219.5		24 8265.5		9 8311.5		24 8357.5
	10 8220.5		25 8266.5		10 8312.5		25 8358.5
	11 8221.5		26 8267.5		11 8313.5		26 8359.5
	12 8222.5		27 8268.5		12 8314.5		27 8360.5
	13 8223.5		28 8269.5		13 8315.5		28 8361.5
	14 8224.5		29 8270.5		14 8316.5		29 8362.5
	15 8225.5		30 8271.5		15 8317.5		30 8363.5
	16 8226.5		31 8272.5		16 8318.5	Dec.	1 8364.5
	17 8227.5	Sept.	1 8273.5		17 8319.5		2 8365.5
	18 8228.5		2 8274.5		18 8320.5		3 8366.5
	19 8229.5		3 8275.5		19 8321.5		4 8367.5
	20 8230.5		4 8276.5		20 8322.5		5 8368.5
	21 8231.5		5 8277.5		21 8323.5		6 8369.5
	22 8232.5		6 8278.5		22 8324.5		7 8370.5
	23 8233.5		7 8279.5		23 8325.5		8 8371.5
	24 8234.5		8 8280.5		24 8326.5		9 8372.5
	25 8235.5		9 8281.5		25 8327.5		10 8373.5
	26 8236.5		10 8282.5		26 8328.5		11 8374.5
	27 8237.5		11 8283.5		27 8329.5		12 8375.5
	28 8238.5		12 8284.5		28 8330.5		13 8376.5
	29 8239.5		13 8285.5		29 8331.5		14 8377.5
	30 8240.5		14 8286.5		30 8332.5		15 8378.5
	31 8241.5		15 8287.5		31 8333.5		16 8379.5
Aug.	1 8242.5		16 8288.5	Nov.	1 8334.5		17 8380.5
	2 8243.5		17 8289.5		2 8335.5		18 8381.5
	3 8244.5		18 8290.5		3 8336.5		19 8382.5
	4 8245.5		19 8291.5		4 8337.5		20 8383.5
	5 8246.5		20 8292.5		5 8338.5		21 8384.5
	6 8247.5		21 8293.5		6 8339.5		22 8385.5
	7 8248.5		22 8294.5		7 8340.5		23 8386.5
	8 8249.5		23 8295.5		8 8341.5		24 8387.5
	9 8250.5		24 8296.5		9 8342.5		25 8388.5
	10 8251.5		25 8297.5		10 8343.5		26 8389.5
	11 8252.5		26 8298.5		11 8344.5		27 8390.5
	12 8253.5		27 8299.5		12 8345.5		28 8391.5
	13 8254.5		28 8300.5		13 8346.5		29 8392.5
	14 8255.5		29 8301.5		14 8347.5		30 8393.5
	15 8256.5		30 8302.5		15 8348.5		31 8394.5

## JULIAN DAYS, 1964

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>243</b>		<b>243</b>		<b>243</b>		<b>243</b>
Jan.	0 8394.5	Feb.	15 8440.5	Apr.	1 8486.5	May	17 8532.5
	1 8395.5		16 8441.5		2 8487.5		18 8533.5
	2 8396.5		17 8442.5		3 8488.5		10 8534.5
	3 8397.5		18 8443.5		4 8489.5		20 8535.5
	4 8398.5		19 8444.5		5 8490.5		21 8536.5
	5 8399.5		20 8445.5		6 8491.5		22 8537.5
	6 8400.5		21 8446.5		7 8492.5		23 8538.5
	7 8401.5		22 8447.5		8 8493.5		24 8539.5
	8 8402.5		23 8448.5		9 8494.5		25 8540.5
	9 8403.5		24 8449.5		10 8495.5		26 8541.5
	10 8404.5		25 8450.5		11 8496.5		27 8542.5
	11 8405.5		26 8451.5		12 8497.5		28 8543.5
	12 8406.5		27 8452.5		13 8498.5		29 8544.5
	13 8407.5		28 8453.5		14 8499.5		30 8545.5
	14 8408.5		29 8454.5		15 8500.5		31 8546.5
	15 8409.5	Mar.	1 8455.5		16 8501.5	June	1 8547.5
	16 8410.5		2 8456.5		17 8502.5		2 8548.5
	17 8411.5		3 8457.5		18 8503.5		3 8549.5
	18 8412.5		4 8458.5		19 8504.5		4 8550.5
	19 8413.5		5 8459.5		20 8505.5		5 8551.5
	20 8414.5		6 8460.5		21 8506.5		6 8552.5
	21 8415.5		7 8461.5		22 8507.5		7 8553.5
	22 8416.5		8 8462.5		23 8508.5		8 8554.5
	23 8417.5		9 8463.5		24 8509.5		9 8555.5
	24 8418.5		10 8464.5		25 8510.5		10 8556.5
	25 8419.5		11 8465.5		26 8511.5		11 8557.5
	26 8420.5		12 8466.5		27 8512.5		12 8558.5
	27 8421.5		13 8467.5		28 8513.5		13 8559.5
	28 8422.5		14 8468.5		29 8514.5		14 8560.5
	29 8423.5		15 8469.5		30 8515.5		15 8561.5
	30 8424.5		16 8470.5	May	1 8516.5		16 8562.5
	31 8425.5		17 8471.5		2 8517.5		17 8563.5
Feb.	1 8426.5		18 8472.5		3 8518.5		18 8564.5
	2 8427.5		19 8473.5		4 8519.5		19 8565.5
	3 8428.5		20 8474.5		5 8520.5		20 8566.5
	4 8429.5		21 8475.5		6 8521.5		21 8567.5
	5 8430.5		22 8476.5		7 8522.5		22 8568.5
	6 8431.5		23 8477.5		8 8523.5		23 8569.5
	7 8432.5		24 8478.5		9 8524.5		24 8570.5
	8 8433.5		25 8479.5		10 8525.5		25 8571.5
	9 8434.5		26 8480.5		11 8526.5		26 8572.5
	10 8435.5		27 8481.5		12 8527.5		27 8573.5
	11 8436.5		28 8482.5		13 8528.5		28 8574.5
	12 8437.5		29 8483.5		14 8529.5		29 8575.5
	13 8438.5		30 8484.5		15 8530.5		30 8576.5
	14 8439.5		31 8485.5		16 8531.5	July	1 8577.5

## JULIAN DAYS, 1964

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>243</b>		<b>243</b>		<b>243</b>		<b>243</b>
July	1 8577.5	Aug.	16 8623.5	Oct.	1 8669.5	Nov.	16 8715.5
	2 8578.5		17 8624.5		2 8670.5		17 8716.5
	3 8579.5		18 8625.5		3 8671.5		18 8717.5
	4 8580.5		19 8626.5		4 8672.5		19 8718.5
	5 8581.5		20 8627.5		5 8673.5		20 8719.5
	6 8582.5		21 8628.5		6 8674.5		21 8720.5
	7 8583.5		22 8629.5		7 8675.5		22 8721.5
	8 8584.5		23 8630.5		8 8676.5		23 8722.5
	9 8585.5		24 8631.5		9 8677.5		24 8723.5
	10 8586.5		25 8632.5		10 8678.5		25 8724.5
	11 8587.5		26 8633.5		11 8679.5		26 8725.5
	12 8588.5		27 8634.5		12 8680.5		27 8726.5
	13 8589.5		28 8635.5		13 8681.5		28 8727.5
	14 8590.5		29 8636.5		14 8682.5		29 8728.5
	15 8591.5		30 8637.5		15 8683.5		30 8729.5
	16 8592.5		31 8638.5		16 8684.5	Dec.	1 8730.5
	17 8593.5	Sept.	1 8639.5		17 8685.5		2 8731.5
	18 8594.5		2 8640.5		18 8686.5		3 8732.5
	19 8595.5		3 8641.5		19 8687.5		4 8733.5
	20 8596.5		4 8642.5		20 8688.5		5 8734.5
	21 8597.5		5 8643.5		21 8689.5		6 8735.5
	22 8598.5		6 8644.5		22 8690.5		7 8736.5
	23 8599.5		7 8645.5		23 8691.5		8 8737.5
	24 8600.5		8 8646.5		24 8692.5		9 8738.5
	25 8601.5		9 8647.5		25 8693.5		10 8739.5
	26 8602.5		10 8648.5		26 8694.5		11 8740.5
	27 8603.5		11 8649.5		27 8695.5		12 8741.5
	28 8604.5		12 8650.5		28 8696.5		13 8742.5
	29 8605.5		13 8651.5		29 8697.5		14 8743.5
	30 8606.5		14 8652.5		30 8698.5		15 8744.5
	31 8607.5		15 8653.5		31 8699.5		16 8745.5
Aug.	1 8608.5		16 8654.5	Nov.	1 8700.5		17 8746.5
	2 8609.5		17 8655.5		2 8701.5		18 8747.5
	3 8610.5		18 8656.5		3 8702.5		19 8748.5
	4 8611.5		19 8657.5		4 8703.5		20 8749.5
	5 8612.5		20 8658.5		5 8704.5		21 8750.5
	6 8613.5		21 8659.5		6 8705.5		22 8751.5
	7 8614.5		22 8660.5		7 8706.5		23 8752.5
	8 8615.5		23 8661.5		8 8707.5		24 8753.5
	9 8616.5		24 8662.5		9 8708.5		25 8754.5
	10 8617.5		25 8663.5		10 8709.5		26 8755.5
	11 8618.5		26 8664.5		11 8710.5		27 8756.5
	12 8619.5		27 8665.5		12 8711.5		28 8757.5
	13 8620.5		28 8666.5		13 8712.5		29 8758.5
	14 8621.5		29 8667.5		14 8713.5		30 8759.5
	15 8622.5		30 8668.5		15 8714.5		31 8760.5

## JULIAN DAYS, 1965

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>243</b>		<b>243</b>		<b>243</b>		<b>243</b>
Jan.	0 <b>8760.5</b>	Feb.	15 <b>8806.5</b>	Apr.	2 <b>8852.5</b>	May	18 <b>8898.5</b>
	1 <b>8761.5</b>		16 <b>8807.5</b>		3 <b>8853.5</b>		19 <b>8899.5</b>
	2 <b>8762.5</b>		17 <b>8808.5</b>		4 <b>8854.5</b>		20 <b>8900.5</b>
	3 <b>8763.5</b>		18 <b>8809.5</b>		5 <b>8855.5</b>		21 <b>8901.5</b>
	4 <b>8764.5</b>		19 <b>8810.5</b>		6 <b>8856.5</b>		22 <b>8902.5</b>
	5 <b>8765.5</b>		20 <b>8811.5</b>		7 <b>8857.5</b>		23 <b>8903.5</b>
	6 <b>8766.5</b>		21 <b>8812.5</b>		8 <b>8858.5</b>		24 <b>8904.5</b>
	7 <b>8767.5</b>		22 <b>8813.5</b>		9 <b>8859.5</b>		25 <b>8905.5</b>
	8 <b>8768.5</b>		23 <b>8814.5</b>		10 <b>8860.5</b>		26 <b>8906.5</b>
	9 <b>8769.5</b>		24 <b>8815.5</b>		11 <b>8861.5</b>		27 <b>8907.5</b>
	10 <b>8770.5</b>		25 <b>8816.5</b>		12 <b>8862.5</b>		28 <b>8908.5</b>
	11 <b>8771.5</b>		26 <b>8817.5</b>		13 <b>8863.5</b>		29 <b>8909.5</b>
	12 <b>8772.5</b>		27 <b>8818.5</b>		14 <b>8864.5</b>		30 <b>8910.5</b>
	13 <b>8773.5</b>		28 <b>8819.5</b>		15 <b>8865.5</b>		31 <b>8911.5</b>
	14 <b>8774.5</b>	Mar.	1 <b>8820.5</b>		16 <b>8866.5</b>	June	1 <b>8912.5</b>
	15 <b>8775.5</b>		2 <b>8821.5</b>		17 <b>8867.5</b>		2 <b>8913.5</b>
	16 <b>8776.5</b>		3 <b>8822.5</b>		18 <b>8868.5</b>		3 <b>8914.5</b>
	17 <b>8777.5</b>		4 <b>8823.5</b>		19 <b>8869.5</b>		4 <b>8915.5</b>
	18 <b>8778.5</b>		5 <b>8824.5</b>		20 <b>8870.5</b>		5 <b>8916.5</b>
	19 <b>8779.5</b>		6 <b>8825.5</b>		21 <b>8871.5</b>		6 <b>8917.5</b>
	20 <b>8780.5</b>		7 <b>8826.5</b>		22 <b>8872.5</b>		7 <b>8918.5</b>
	21 <b>8781.5</b>		8 <b>8827.5</b>		23 <b>8873.5</b>		8 <b>8919.5</b>
	22 <b>8782.5</b>		9 <b>8828.5</b>		24 <b>8874.5</b>		9 <b>8920.5</b>
	23 <b>8783.5</b>		10 <b>8829.5</b>		25 <b>8875.5</b>		10 <b>8921.5</b>
	24 <b>8784.5</b>		11 <b>8830.5</b>		26 <b>8876.5</b>		11 <b>8922.5</b>
	25 <b>8785.5</b>		12 <b>8831.5</b>		27 <b>8877.5</b>		12 <b>8923.5</b>
	26 <b>8786.5</b>		13 <b>8832.5</b>		28 <b>8878.5</b>		13 <b>8924.5</b>
	27 <b>8787.5</b>		14 <b>8833.5</b>		29 <b>8879.5</b>		14 <b>8925.5</b>
	28 <b>8788.5</b>		15 <b>8834.5</b>		30 <b>8880.5</b>		15 <b>8926.5</b>
	29 <b>8789.5</b>		16 <b>8835.5</b>	May	1 <b>8881.5</b>		16 <b>8927.5</b>
	30 <b>8790.5</b>		17 <b>8836.5</b>		2 <b>8882.5</b>		17 <b>8928.5</b>
	31 <b>8791.5</b>		18 <b>8837.5</b>		3 <b>8883.5</b>		18 <b>8929.5</b>
Feb.	1 <b>8792.5</b>		19 <b>8838.5</b>		4 <b>8884.5</b>		19 <b>8930.5</b>
	2 <b>8793.5</b>		20 <b>8839.5</b>		5 <b>8885.5</b>		20 <b>8931.5</b>
	3 <b>8794.5</b>		21 <b>8840.5</b>		6 <b>8886.5</b>		21 <b>8932.5</b>
	4 <b>8795.5</b>		22 <b>8841.5</b>		7 <b>8887.5</b>		22 <b>8933.5</b>
	5 <b>8796.5</b>		23 <b>8842.5</b>		8 <b>8888.5</b>		23 <b>8934.5</b>
	6 <b>8797.5</b>		24 <b>8843.5</b>		9 <b>8889.5</b>		24 <b>8935.5</b>
	7 <b>8798.5</b>		25 <b>8844.5</b>		10 <b>8890.5</b>		25 <b>8936.5</b>
	8 <b>8799.5</b>		26 <b>8845.5</b>		11 <b>8891.5</b>		26 <b>8937.5</b>
	9 <b>8800.5</b>		27 <b>8846.5</b>		12 <b>8892.5</b>		27 <b>8938.5</b>
	10 <b>8801.5</b>		28 <b>8847.5</b>		13 <b>8893.5</b>		28 <b>8939.5</b>
	11 <b>8802.5</b>		29 <b>8848.5</b>		14 <b>8894.5</b>		29 <b>8940.5</b>
	12 <b>8803.5</b>		30 <b>8849.5</b>		15 <b>8895.5</b>		30 <b>8941.5</b>
	13 <b>8804.5</b>		31 <b>8850.5</b>		16 <b>8896.5</b>	July	1 <b>8942.5</b>
	14 <b>8805.5</b>	Apr.	1 <b>8851.5</b>		17 <b>8897.5</b>		2 <b>8943.5</b>

## JULIAN DAYS, 1965

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>243</b>		<b>243</b>		<b>243</b>		<b>243</b>
July	1 8942.5	Aug.	16 8988.5	Oct.	1 9034.5	Nov.	16 9080.5
	2 8943.5		17 8989.5		2 9035.5		17 9081.5
	3 8944.5		18 8990.5		3 9036.5		18 9082.5
	4 8945.5		19 8991.5		4 9037.5		19 9083.5
	5 8946.5		20 8992.5		5 9038.5		20 9084.5
	6 8947.5		21 8993.5		6 9039.5		21 9085.5
	7 8948.5		22 8994.5		7 9040.5		22 9086.5
	8 8949.5		23 8995.5		8 9041.5		23 9087.5
	9 8950.5		24 8996.5		9 9042.5		24 9088.5
	10 8951.5		25 8997.5		10 9043.5		25 9089.5
	11 8952.5		26 8998.5		11 9044.5		26 9090.5
	12 8953.5		27 8999.5		12 9045.5		27 9091.5
	13 8954.5		28 9000.5		13 9046.5		28 9092.5
	14 8955.5		29 9001.5		14 9047.5		29 9093.5
	15 8956.5		30 9002.5		15 9048.5		30 9094.5
	16 8957.5		31 9003.5		16 9049.5	Dec.	1 9095.5
	17 8958.5	Sept.	1 9004.5		17 9050.5		2 9096.5
	18 8959.5		2 9005.5		18 9051.5		3 9097.5
	19 8960.5		3 9006.5		19 9052.5		4 9098.5
	20 8961.5		4 9007.5		20 9053.5		5 9099.5
	21 8962.5		5 9008.5		21 9054.5		6 9100.5
	22 8963.5		6 9009.5		22 9055.5		7 9101.5
	23 8964.5		7 9010.5		23 9056.5		8 9102.5
	24 8965.5		8 9011.5		24 9057.5		9 9103.5
	25 8966.5		9 9012.5		25 9058.5		10 9104.5
	26 8967.5		10 9013.5		26 9059.5		11 9105.5
	27 8968.5		11 9014.5		27 9060.5		12 9106.5
	28 8969.5		12 9015.5		28 9061.5		13 9107.5
	29 8970.5		13 9016.5		29 9062.5		14 9108.5
	30 8971.5		14 9017.5		30 9063.5		15 9109.5
	31 8972.5		15 9018.5		31 9064.5		16 9110.5
Aug.	1 8973.5		16 9019.5	Nov.	1 9065.5		17 9111.5
	2 8974.5		17 9020.5		2 9066.5		18 9112.5
	3 8975.5		18 9021.5		3 9067.5		19 9113.5
	4 8976.5		19 9022.5		4 9068.5		20 9114.5
	5 8977.5		20 9023.5		5 9069.5		21 9115.5
	6 8978.5		21 9024.5		6 9070.5		22 9116.5
	7 8979.5		22 9025.5		7 9071.5		23 9117.5
	8 8980.5		23 9026.5		8 9072.5		24 9118.5
	9 8981.5		24 9027.5		9 9073.5		25 9119.5
	10 8982.5		25 9028.5		10 9074.5		26 9120.5
	11 8983.5		26 9029.5		11 9075.5		27 9121.5
	12 8984.5		27 9030.5		12 9076.5		28 9122.5
	13 8985.5		28 9031.5		13 9077.5		29 9123.5
	14 8986.5		29 9032.5		14 9078.5		30 9124.5
	15 8987.5		30 9033.5		15 9079.5		31 9125.5

## JULIAN DAYS, 1966

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>243</b>		<b>243</b>		<b>243</b>		<b>243</b>
Jan.	0 <b>9125.5</b>	Feb.	15 <b>9171.5</b>	Apr.	2 <b>9217.5</b>	May	18 <b>9263.5</b>
	1 <b>9126.5</b>		16 <b>9172.5</b>		3 <b>9218.5</b>		19 <b>9264.5</b>
	2 <b>9127.5</b>		17 <b>9173.5</b>		4 <b>9219.5</b>		20 <b>9265.5</b>
	3 <b>9128.5</b>		18 <b>9174.5</b>		5 <b>9220.5</b>		21 <b>9266.5</b>
	4 <b>9129.5</b>		19 <b>9175.5</b>		6 <b>9221.5</b>		22 <b>9267.5</b>
	5 <b>9130.5</b>		20 <b>9176.5</b>		7 <b>9222.5</b>		23 <b>9268.5</b>
	6 <b>9131.5</b>		21 <b>9177.5</b>		8 <b>9223.5</b>		24 <b>9269.5</b>
	7 <b>9132.5</b>		22 <b>9178.5</b>		9 <b>9224.5</b>		25 <b>9270.5</b>
	8 <b>9133.5</b>		23 <b>9179.5</b>		10 <b>9225.5</b>		26 <b>9271.5</b>
	9 <b>9134.5</b>		24 <b>9180.5</b>		11 <b>9226.5</b>		27 <b>9272.5</b>
	10 <b>9135.5</b>		25 <b>9181.5</b>		12 <b>9227.5</b>		28 <b>9273.5</b>
	11 <b>9136.5</b>		26 <b>9182.5</b>		13 <b>9228.5</b>		29 <b>9274.5</b>
	12 <b>9137.5</b>		27 <b>9183.5</b>		14 <b>9229.5</b>		30 <b>9275.5</b>
	13 <b>9138.5</b>		28 <b>9184.5</b>		15 <b>9230.5</b>		31 <b>9276.5</b>
	14 <b>9139.5</b>	Mar.	1 <b>9185.5</b>		16 <b>9231.5</b>	June	1 <b>9277.5</b>
	15 <b>9140.5</b>		2 <b>9186.5</b>		17 <b>9232.5</b>		2 <b>9278.5</b>
	16 <b>9141.5</b>		3 <b>9187.5</b>		18 <b>9233.5</b>		3 <b>9279.5</b>
	17 <b>9142.5</b>		4 <b>9188.5</b>		19 <b>9234.5</b>		4 <b>9280.5</b>
	18 <b>9143.5</b>		5 <b>9189.5</b>		20 <b>9235.5</b>		5 <b>9281.5</b>
	19 <b>9144.5</b>		6 <b>9190.5</b>		21 <b>9236.5</b>		6 <b>9282.5</b>
	20 <b>9145.5</b>		7 <b>9191.5</b>		22 <b>9237.5</b>		7 <b>9283.5</b>
	21 <b>9146.5</b>		8 <b>9192.5</b>		23 <b>9238.5</b>		8 <b>9284.5</b>
	22 <b>9147.5</b>		9 <b>9193.5</b>		24 <b>9239.5</b>		9 <b>9285.5</b>
	23 <b>9148.5</b>		10 <b>9194.5</b>		25 <b>9240.5</b>		10 <b>9286.5</b>
	24 <b>9149.5</b>		11 <b>9195.5</b>		26 <b>9241.5</b>		11 <b>9287.5</b>
	25 <b>9150.5</b>		12 <b>9196.5</b>		27 <b>9242.5</b>		12 <b>9288.5</b>
	26 <b>9151.5</b>		13 <b>9197.5</b>		28 <b>9243.5</b>		13 <b>9289.5</b>
	27 <b>9152.5</b>		14 <b>9198.5</b>		29 <b>9244.5</b>		14 <b>9290.5</b>
	28 <b>9153.5</b>		15 <b>9199.5</b>		30 <b>9245.5</b>		15 <b>9291.5</b>
	29 <b>9154.5</b>		16 <b>9200.5</b>	May	1 <b>9246.5</b>		16 <b>9292.5</b>
	30 <b>9155.5</b>		17 <b>9201.5</b>		2 <b>9247.5</b>		17 <b>9293.5</b>
	31 <b>9156.5</b>		18 <b>9202.5</b>		3 <b>9248.5</b>		18 <b>9294.5</b>
Feb.	1 <b>9157.5</b>		19 <b>9203.5</b>		4 <b>9249.5</b>		19 <b>9295.5</b>
	2 <b>9158.5</b>		20 <b>9204.5</b>		5 <b>9250.5</b>		20 <b>9296.5</b>
	3 <b>9159.5</b>		21 <b>9205.5</b>		6 <b>9251.5</b>		21 <b>9297.5</b>
	4 <b>9160.5</b>		22 <b>9206.5</b>		7 <b>9252.5</b>		22 <b>9298.5</b>
	5 <b>9161.5</b>		23 <b>9207.5</b>		8 <b>9253.5</b>		23 <b>9299.5</b>
	6 <b>9162.5</b>		24 <b>9208.5</b>		9 <b>9254.5</b>		24 <b>9300.5</b>
	7 <b>9163.5</b>		25 <b>9209.5</b>		10 <b>9255.5</b>		25 <b>9301.5</b>
	8 <b>9164.5</b>		26 <b>9210.5</b>		11 <b>9256.5</b>		26 <b>9302.5</b>
	9 <b>9165.5</b>		27 <b>9211.5</b>		12 <b>9257.5</b>		27 <b>9303.5</b>
	10 <b>9166.5</b>		28 <b>9212.5</b>		13 <b>9258.5</b>		28 <b>9304.5</b>
	11 <b>9167.5</b>		29 <b>9213.5</b>		14 <b>9259.5</b>		29 <b>9305.5</b>
	12 <b>9168.5</b>		30 <b>9214.5</b>		15 <b>9260.5</b>		30 <b>9306.5</b>
	13 <b>9169.5</b>		31 <b>9215.5</b>		16 <b>9261.5</b>	July	1 <b>9307.5</b>
	14 <b>9170.5</b>	Apr.	1 <b>9216.5</b>		17 <b>9262.5</b>		2 <b>9308.5</b>

## JULIAN DAYS, 1966

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>243</b>		<b>243</b>		<b>243</b>		<b>243</b>
July	1 9307.5	Aug.	16 9353.5	Oct.	1 9399.5	Nov.	16 9445.5
	2 9308.5		17 9354.5		2 9400.5		17 9446.5
	3 9309.5		18 9355.5		3 9401.5		18 9447.5
	4 9310.5		19 9356.5		4 9402.5		19 9448.5
	5 9311.5		20 9357.5		5 9403.5		20 9449.5
	6 9312.5		21 9358.5		6 9404.5		21 9450.5
	7 9313.5		22 9359.5		7 9405.5		22 9451.5
	8 9314.5		23 9360.5		8 9406.5		23 9452.5
	9 9315.5		24 9361.5		9 9407.5		24 9453.5
	10 9316.5		25 9362.5		10 9408.5		25 9454.5
	11 9317.5		26 9363.5		11 9409.5		26 9455.5
	12 9318.5		27 9364.5		12 9410.5		27 9456.5
	13 9319.5		28 9365.5		13 9411.5		28 9457.5
	14 9320.5		29 9366.5		14 9412.5		29 9458.5
	15 9321.5		30 9367.5		15 9413.5		30 9459.5
	16 9322.5		31 9368.5		16 9414.5	Dec.	1 9460.5
	17 9323.5	Sept.	1 9369.5		17 9415.5		2 9461.5
	18 9324.5		2 9370.5		18 9416.5		3 9462.5
	19 9325.5		3 9371.5		19 9417.5		4 9463.5
	20 9326.5		4 9372.5		20 9418.5		5 9464.5
	21 9327.5		5 9373.5		21 9419.5		6 9465.5
	22 9328.5		6 9374.5		22 9420.5		7 9466.5
	23 9329.5		7 9375.5		23 9421.5		8 9467.5
	24 9330.5		8 9376.5		24 9422.5		9 9468.5
	25 9331.5		9 9377.5		25 9423.5		10 9469.5
	26 9332.5		10 9378.5		26 9424.5		11 9470.5
	27 9333.5		11 9379.5		27 9425.5		12 9471.5
	28 9334.5		12 9380.5		28 9426.5		13 9472.5
	29 9335.5		13 9381.5		29 9427.5		14 9473.5
	30 9336.5		14 9382.5		30 9428.5		15 9474.5
	31 9337.5		15 9383.5		31 9429.5		16 9475.5
Aug.	1 9338.5		16 9384.5	Nov.	1 9430.5		17 9476.5
	2 9339.5		17 9385.5		2 9431.5		18 9477.5
	3 9340.5		18 9386.5		3 9432.5		19 9478.5
	4 9341.5		19 9387.5		4 9433.5		20 9479.5
	5 9342.5		20 9388.5		5 9434.5		21 9480.5
	6 9343.5		21 9389.5		6 9435.5		22 9481.5
	7 9344.5		22 9390.5		7 9436.5		23 9482.5
	8 9345.5		23 9391.5		8 9437.5		24 9483.5
	9 9346.5		24 9392.5		9 9438.5		25 9484.5
	10 9347.5		25 9393.5		10 9439.5		26 9485.5
	11 9348.5		26 9394.5		11 9440.5		27 9486.5
	12 9349.5		27 9395.5		12 9441.5		28 9487.5
	13 9350.5		28 9396.5		13 9442.5		29 9488.5
	14 9351.5		29 9397.5		14 9443.5		30 9489.5
	15 9352.5		30 9398.5		15 9444.5		31 9490.5

## JULIAN DAYS, 1967

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>243</b>		<b>243</b>		<b>243</b>		<b>243</b>
Jan.	0 <b>9490.5</b>	Feb.	15 <b>9536.5</b>	Apr.	2 <b>9582.5</b>	May	18 <b>9628.5</b>
	1 <b>9491.5</b>		16 <b>9537.5</b>		3 <b>9583.5</b>		19 <b>9629.5</b>
	2 <b>9492.5</b>		17 <b>9538.5</b>		4 <b>9584.5</b>		20 <b>9630.5</b>
	3 <b>9493.5</b>		18 <b>9539.5</b>		5 <b>9585.5</b>		21 <b>9631.5</b>
	4 <b>9494.5</b>		19 <b>9540.5</b>		6 <b>9586.5</b>		22 <b>9632.5</b>
	5 <b>9495.5</b>		20 <b>9541.5</b>		7 <b>9587.5</b>		23 <b>9633.5</b>
	6 <b>9496.5</b>		21 <b>9542.5</b>		8 <b>9588.5</b>		24 <b>9634.5</b>
	7 <b>9497.5</b>		22 <b>9543.5</b>		9 <b>9589.5</b>		25 <b>9635.5</b>
	8 <b>9498.5</b>		23 <b>9544.5</b>		10 <b>9590.5</b>		26 <b>9636.5</b>
	9 <b>9499.5</b>		24 <b>9545.5</b>		11 <b>9591.5</b>		27 <b>9637.5</b>
	10 <b>9500.5</b>		25 <b>9546.5</b>		12 <b>9592.5</b>		28 <b>9638.5</b>
	11 <b>9501.5</b>		26 <b>9547.5</b>		13 <b>9593.5</b>		29 <b>9639.5</b>
	12 <b>9502.5</b>		27 <b>9548.5</b>		14 <b>9594.5</b>		30 <b>9640.5</b>
	13 <b>9503.5</b>		28 <b>9549.5</b>		15 <b>9595.5</b>		31 <b>9641.5</b>
	14 <b>9504.5</b>	Mar.	1 <b>9550.5</b>		16 <b>9596.5</b>	June	1 <b>9642.5</b>
	15 <b>9505.5</b>		2 <b>9551.5</b>		17 <b>9597.5</b>		2 <b>9643.5</b>
	16 <b>9506.5</b>		3 <b>9552.5</b>		18 <b>9598.5</b>		3 <b>9644.5</b>
	17 <b>9507.5</b>		4 <b>9553.5</b>		19 <b>9599.5</b>		4 <b>9645.5</b>
	18 <b>9508.5</b>		5 <b>9554.5</b>		20 <b>9600.5</b>		5 <b>9646.5</b>
	19 <b>9509.5</b>		6 <b>9555.5</b>		21 <b>9601.5</b>		6 <b>9647.5</b>
	20 <b>9510.5</b>		7 <b>9556.5</b>		22 <b>9602.5</b>		7 <b>9648.5</b>
	21 <b>9511.5</b>		8 <b>9557.5</b>		23 <b>9603.5</b>		8 <b>9649.5</b>
	22 <b>9512.5</b>		9 <b>9558.5</b>		24 <b>9604.5</b>		9 <b>9650.5</b>
	23 <b>9513.5</b>		10 <b>9559.5</b>		25 <b>9605.5</b>		10 <b>9651.5</b>
	24 <b>9514.5</b>		11 <b>9560.5</b>		26 <b>9606.5</b>		11 <b>9652.5</b>
	25 <b>9515.5</b>		12 <b>9561.5</b>		27 <b>9607.5</b>		12 <b>9653.5</b>
	26 <b>9516.5</b>		13 <b>9562.5</b>		28 <b>9608.5</b>		13 <b>9654.5</b>
	27 <b>9517.5</b>		14 <b>9563.5</b>		29 <b>9609.5</b>		14 <b>9655.5</b>
	28 <b>9518.5</b>		15 <b>9564.5</b>		30 <b>9610.5</b>		15 <b>9656.5</b>
	29 <b>9519.5</b>		16 <b>9565.5</b>	May	1 <b>9611.5</b>		16 <b>9657.5</b>
	30 <b>9520.5</b>		17 <b>9566.5</b>		2 <b>9612.5</b>		17 <b>9658.5</b>
	31 <b>9521.5</b>		18 <b>9567.5</b>		3 <b>9613.5</b>		18 <b>9659.5</b>
Feb.	1 <b>9522.5</b>		19 <b>9568.5</b>		4 <b>9614.5</b>		19 <b>9660.5</b>
	2 <b>9523.5</b>		20 <b>9569.5</b>		5 <b>9615.5</b>		20 <b>9661.5</b>
	3 <b>9524.5</b>		21 <b>9570.5</b>		6 <b>9616.5</b>		21 <b>9662.5</b>
	4 <b>9525.5</b>		22 <b>9571.5</b>		7 <b>9617.5</b>		22 <b>9663.5</b>
	5 <b>9526.5</b>		23 <b>9572.5</b>		8 <b>9618.5</b>		23 <b>9664.5</b>
	6 <b>9527.5</b>		24 <b>9573.5</b>		9 <b>9619.5</b>		24 <b>9665.5</b>
	7 <b>9528.5</b>		25 <b>9574.5</b>		10 <b>9620.5</b>		25 <b>9666.5</b>
	8 <b>9529.5</b>		26 <b>9575.5</b>		11 <b>9621.5</b>		26 <b>9667.5</b>
	9 <b>9530.5</b>		27 <b>9576.5</b>		12 <b>9622.5</b>		27 <b>9668.5</b>
	10 <b>9531.5</b>		28 <b>9577.5</b>		13 <b>9623.5</b>		28 <b>9669.5</b>
	11 <b>9532.5</b>		29 <b>9578.5</b>		14 <b>9624.5</b>		29 <b>9670.5</b>
	12 <b>9533.5</b>		30 <b>9579.5</b>		15 <b>9625.5</b>		30 <b>9671.5</b>
	13 <b>9534.5</b>		31 <b>9580.5</b>		16 <b>9626.5</b>	July	1 <b>9672.5</b>
	14 <b>9535.5</b>	Apr.	1 <b>9581.5</b>		17 <b>9627.5</b>		2 <b>9673.5</b>



## JULIAN DAYS, 1967

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>243</b>		<b>243</b>		<b>243</b>		<b>243</b>
July	1 9672.5	Aug.	16 9718.5	Oct.	1 9764.5	Nov.	16 9810.5
	2 9673.5		17 9719.5		2 9765.5		17 9811.5
	3 9674.5		18 9720.5		3 9766.5		18 9812.5
	4 9675.5		19 9721.5		4 9767.5		19 9813.5
	5 9676.5		20 9722.5		5 9768.5		20 9814.5
	6 9677.5		21 9723.5		6 9769.5		21 9815.5
	7 9678.5		22 9724.5		7 9770.5		22 9816.5
	8 9679.5		23 9725.5		8 9771.5		23 9817.5
	9 9680.5		24 9726.5		9 9772.5		24 9818.5
	10 9681.5		25 9727.5		10 9773.5		25 9819.5
	11 9682.5		26 9728.5		11 9774.5		26 9820.5
	12 9683.5		27 9729.5		12 9775.5		27 9821.5
	13 9684.5		28 9730.5		13 9776.5		28 9822.5
	14 9685.5		29 9731.5		14 9777.5		29 9823.5
	15 9686.5		30 9732.5		15 9778.5		30 9824.5
	16 9687.5		31 9733.5		16 9779.5	Dec.	1 9825.5
	17 9688.5	Sept.	1 9734.5		17 9780.5		2 9826.5
	18 9689.5		2 9735.5		18 9781.5		3 9827.5
	19 9690.5		3 9736.5		19 9782.5		4 9828.5
	20 9691.5		4 9737.5		20 9783.5		5 9829.5
	21 9692.5		5 9738.5		21 9784.5		6 9830.5
	22 9693.5		6 9739.5		22 9785.5		7 9831.5
	23 9694.5		7 9740.5		23 9786.5		8 9832.5
	24 9695.5		8 9741.5		24 9787.5		9 9833.5
	25 9696.5		9 9742.5		25 9788.5		10 9834.5
	26 9697.5		10 9743.5		26 9789.5		11 9835.5
	27 9698.5		11 9744.5		27 9790.5		12 9836.5
	28 9699.5		12 9745.5		28 9791.5		13 9837.5
	29 9700.5		13 9746.5		29 9792.5		14 9838.5
	30 9701.5		14 9747.5		30 9793.5		15 9839.5
	31 9702.5		15 9748.5		31 9794.5		16 9840.5
Aug.	1 9703.5		16 9749.5	Nov.	1 9795.5		17 9841.5
	2 9704.5		17 9750.5		2 9796.5		18 9842.5
	3 9705.5		18 9751.5		3 9797.5		19 9843.5
	4 9706.5		19 9752.5		4 9798.5		20 9844.5
	5 9707.5		20 9753.5		5 9799.5		21 9845.5
	6 9708.5		21 9754.5		6 9800.5		22 9846.5
	7 9709.5		22 9755.5		7 9801.5		23 9847.5
	8 9710.5		23 9756.5		8 9802.5		24 9848.5
	9 9711.5		24 9757.5		9 9803.5		25 9849.5
	10 9712.5		25 9758.5		10 9804.5		26 9850.5
	11 9713.5		26 9759.5		11 9805.5		27 9851.5
	12 9714.5		27 9760.5		12 9806.5		28 9852.5
	13 9715.5		28 9761.5		13 9807.5		29 9853.5
	14 9716.5		29 9762.5		14 9808.5		30 9854.5
	15 9717.5		30 9763.5		15 9809.5		31 9855.5

## JULIAN DAYS, 1968

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>243</b>		<b>243</b>		<b>243</b>		<b>243/4</b>
Jan.	0 9855.5	Feb.	15 9901.5	Apr.	1 9947.5	May	17 9993.5
	1 9856.5		16 9902.5		2 9948.5		18 9994.5
	2 9857.5		17 9903.5		3 9949.5		10 9995.5
	3 9858.5		18 9904.5		4 9950.5		20 9996.5
	4 9859.5		19 9905.5		5 9951.5		21 9997.5
	5 9860.5		20 9906.5		6 9952.5		22 9998.5
	6 9861.5		21 9907.5		7 9953.5		23 9999.5
	7 9862.5		22 9908.5		8 9954.5		24 0000.5
	8 9863.5		23 9909.5		9 9955.5		25 0001.5
	9 9864.5		24 9910.5		10 9956.5		26 0002.5
	10 9865.5		25 9911.5		11 9957.5		27 0003.5
	11 9866.5		26 9912.5		12 9958.5		28 0004.5
	12 9867.5		27 9913.5		13 9959.5		29 0005.5
	13 9868.5		28 9914.5		14 9960.5		30 0006.5
	14 9869.5		29 9915.5		15 9961.5		31 0007.5
	15 9870.5	Mar.	1 9916.5		16 9962.5	June	1 0008.5
	16 9871.5		2 9917.5		17 9963.5		2 0009.5
	17 9872.5		3 9918.5		18 9964.5		3 0010.5
	18 9873.5		4 9919.5		19 9965.5		4 0011.5
	19 9874.5		5 9920.5		20 9966.5		5 0012.5
	20 9875.5		6 9921.5		21 9967.5		6 0013.5
	21 9876.5		7 9922.5		22 9968.5		7 0014.5
	22 9877.5		8 9923.5		23 9969.5		8 0015.5
	23 9878.5		9 9924.5		24 9970.5		9 0016.5
	24 9879.5		10 9925.5		25 9971.5		10 0017.5
	25 9880.5		11 9926.5		26 9972.5		11 0018.5
	26 9881.5		12 9927.5		27 9973.5		12 0019.5
	27 9882.5		13 9928.5		28 9974.5		13 0020.5
	28 9883.5		14 9929.5		29 9975.5		14 0021.5
	29 9884.5		15 9930.5		30 9976.5		15 0022.5
	30 9885.5		16 9931.5	May	1 9977.5		16 0023.5
	31 9886.5		17 9932.5		2 9978.5		17 0024.5
Feb.	1 9887.5		18 9933.5		3 9979.5		18 0025.5
	2 9888.5		19 9934.5		4 9980.5		19 0026.5
	3 9889.5		20 9935.5		5 9981.5		20 0027.5
	4 9890.5		21 9936.5		6 9982.5		21 0028.5
	5 9891.5		22 9937.5		7 9983.5		22 0029.5
	6 9892.5		23 9938.5		8 9984.5		23 0030.5
	7 9893.5		24 9939.5		9 9985.5		24 0031.5
	8 9894.5		25 9940.5		10 9986.5		25 0032.5
	9 9895.5		26 9941.5		11 9987.5		26 0033.5
	10 9896.5		27 9942.5		12 9988.5		27 0034.5
	11 9897.5		28 9943.5		13 9989.5		28 0035.5
	12 9898.5		29 9944.5		14 9990.5		29 0036.5
	13 9899.5		30 9945.5		15 9991.5		30 0037.5
	14 9900.5		31 9946.5		16 9992.5	July	1 0038.5

# JULIAN DAYS, 1968

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>244</b>		<b>244</b>		<b>244</b>		<b>244</b>
July	1 <b>0038.5</b>	Aug.	16 <b>0084.5</b>	Oct.	1 <b>0130.5</b>	Nov.	16 <b>0176.5</b>
	2 <b>0039.5</b>		17 <b>0085.5</b>		2 <b>0131.5</b>		17 <b>0177.5</b>
	3 <b>0040.5</b>		18 <b>0086.5</b>		3 <b>0132.5</b>		18 <b>0178.5</b>
	4 <b>0041.5</b>		19 <b>0087.5</b>		4 <b>0133.5</b>		19 <b>0179.5</b>
	5 <b>0042.5</b>		20 <b>0088.5</b>		5 <b>0134.5</b>		20 <b>0180.5</b>
	6 <b>0043.5</b>		21 <b>0089.5</b>		6 <b>0135.5</b>		21 <b>0181.5</b>
	7 <b>0044.5</b>		22 <b>0090.5</b>		7 <b>0136.5</b>		22 <b>0182.5</b>
	8 <b>0045.5</b>		23 <b>0091.5</b>		8 <b>0137.5</b>		23 <b>0183.5</b>
	9 <b>0046.5</b>		24 <b>0092.5</b>		9 <b>0138.5</b>		24 <b>0184.5</b>
	10 <b>0047.5</b>		25 <b>0093.5</b>		10 <b>0139.5</b>		25 <b>0185.5</b>
	11 <b>0048.5</b>		26 <b>0094.5</b>		11 <b>0140.5</b>		26 <b>0186.5</b>
	12 <b>0049.5</b>		27 <b>0095.5</b>		12 <b>0141.5</b>		27 <b>0187.5</b>
	13 <b>0050.5</b>		28 <b>0096.5</b>		13 <b>0142.5</b>		28 <b>0188.5</b>
	14 <b>0051.5</b>		29 <b>0097.5</b>		14 <b>0143.5</b>		29 <b>0189.5</b>
	15 <b>0052.5</b>		30 <b>0098.5</b>		15 <b>0144.5</b>		30 <b>0190.5</b>
	16 <b>0053.5</b>		31 <b>0099.5</b>		16 <b>0145.5</b>	Dec.	1 <b>0191.5</b>
	17 <b>0054.5</b>	Sept.	1 <b>0100.5</b>		17 <b>0146.5</b>		2 <b>0192.5</b>
	18 <b>0055.5</b>		2 <b>0101.5</b>		18 <b>0147.5</b>		3 <b>0193.5</b>
	19 <b>0056.5</b>		3 <b>0102.5</b>		19 <b>0148.5</b>		4 <b>0194.5</b>
	20 <b>0057.5</b>		4 <b>0103.5</b>		20 <b>0149.5</b>		5 <b>0195.5</b>
	21 <b>0058.5</b>		5 <b>0104.5</b>		21 <b>0150.5</b>		6 <b>0196.5</b>
	22 <b>0059.5</b>		6 <b>0105.5</b>		22 <b>0151.5</b>		7 <b>0197.5</b>
	23 <b>0060.5</b>		7 <b>0106.5</b>		23 <b>0152.5</b>		8 <b>0198.5</b>
	24 <b>0061.5</b>		8 <b>0107.5</b>		24 <b>0153.5</b>		9 <b>0199.5</b>
	25 <b>0062.5</b>		9 <b>0108.5</b>		25 <b>0154.5</b>		10 <b>0200.5</b>
	26 <b>0063.5</b>		10 <b>0109.5</b>		26 <b>0155.5</b>		11 <b>0201.5</b>
	27 <b>0064.5</b>		11 <b>0110.5</b>		27 <b>0156.5</b>		12 <b>0202.5</b>
	28 <b>0065.5</b>		12 <b>0111.5</b>		28 <b>0157.5</b>		13 <b>0203.5</b>
	29 <b>0066.5</b>		13 <b>0112.5</b>		29 <b>0158.5</b>		14 <b>0204.5</b>
	30 <b>0067.5</b>		14 <b>0113.5</b>		30 <b>0159.5</b>		15 <b>0205.5</b>
	31 <b>0068.5</b>		15 <b>0114.5</b>		31 <b>0160.5</b>		16 <b>0206.5</b>
Aug.	1 <b>0069.5</b>		16 <b>0115.5</b>	Nov.	1 <b>0161.5</b>		17 <b>0207.5</b>
	2 <b>0070.5</b>		17 <b>0116.5</b>		2 <b>0162.5</b>		18 <b>0208.5</b>
	3 <b>0071.5</b>		18 <b>0117.5</b>		3 <b>0163.5</b>		19 <b>0209.5</b>
	4 <b>0072.5</b>		19 <b>0118.5</b>		4 <b>0164.5</b>		20 <b>0210.5</b>
	5 <b>0073.5</b>		20 <b>0119.5</b>		5 <b>0165.5</b>		21 <b>0211.5</b>
	6 <b>0074.5</b>		21 <b>0120.5</b>		6 <b>0166.5</b>		22 <b>0212.5</b>
	7 <b>0075.5</b>		22 <b>0121.5</b>		7 <b>0167.5</b>		23 <b>0213.5</b>
	8 <b>0076.5</b>		23 <b>0122.5</b>		8 <b>0168.5</b>		24 <b>0214.5</b>
	9 <b>0077.5</b>		24 <b>0123.5</b>		9 <b>0169.5</b>		25 <b>0215.5</b>
	10 <b>0078.5</b>		25 <b>0124.5</b>		10 <b>0170.5</b>		26 <b>0216.5</b>
	11 <b>0079.5</b>		26 <b>0125.5</b>		11 <b>0171.5</b>		27 <b>0217.5</b>
	12 <b>0080.5</b>		27 <b>0126.5</b>		12 <b>0172.5</b>		28 <b>0218.5</b>
	13 <b>0081.5</b>		28 <b>0127.5</b>		13 <b>0173.5</b>		29 <b>0219.5</b>
	14 <b>0082.5</b>		29 <b>0128.5</b>		14 <b>0174.5</b>		30 <b>0220.5</b>
	15 <b>0083.5</b>		30 <b>0129.5</b>		15 <b>0175.5</b>		31 <b>0221.5</b>

## JULIAN DAYS, 1969

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>244</b>		<b>244</b>		<b>244</b>		<b>244</b>
Jan.	0 <b>0221.5</b>	Feb.	15 <b>0267.5</b>	Apr.	2 <b>0313.5</b>	May	18 <b>0359.5</b>
	1 <b>0222.5</b>		16 <b>0268.5</b>		3 <b>0314.5</b>		19 <b>0360.5</b>
	2 <b>0223.5</b>		17 <b>0269.5</b>		4 <b>0315.5</b>		20 <b>0361.5</b>
	3 <b>0224.5</b>		18 <b>0270.5</b>		5 <b>0316.5</b>		21 <b>0362.5</b>
	4 <b>0225.5</b>		19 <b>0271.5</b>		6 <b>0317.5</b>		22 <b>0363.5</b>
	5 <b>0226.5</b>		20 <b>0272.5</b>		7 <b>0318.5</b>		23 <b>0364.5</b>
	6 <b>0227.5</b>		21 <b>0273.5</b>		8 <b>0319.5</b>		24 <b>0365.5</b>
	7 <b>0228.5</b>		22 <b>0274.5</b>		9 <b>0320.5</b>		25 <b>0366.5</b>
	8 <b>0229.5</b>		23 <b>0275.5</b>		10 <b>0321.5</b>		26 <b>0367.5</b>
	9 <b>0230.5</b>		24 <b>0276.5</b>		11 <b>0322.5</b>		27 <b>0368.5</b>
	10 <b>0231.5</b>		25 <b>0277.5</b>		12 <b>0323.5</b>		28 <b>0369.5</b>
	11 <b>0232.5</b>		26 <b>0278.5</b>		13 <b>0324.5</b>		29 <b>0370.5</b>
	12 <b>0233.5</b>		27 <b>0279.5</b>		14 <b>0325.5</b>		30 <b>0371.5</b>
	13 <b>0234.5</b>		28 <b>0280.5</b>		15 <b>0326.5</b>		31 <b>0372.5</b>
	14 <b>0235.5</b>	Mar.	1 <b>0281.5</b>		16 <b>0327.5</b>	June	1 <b>0373.5</b>
	15 <b>0236.5</b>		2 <b>0282.5</b>		17 <b>0328.5</b>		2 <b>0374.5</b>
	16 <b>0237.5</b>		3 <b>0283.5</b>		18 <b>0329.5</b>		3 <b>0375.5</b>
	17 <b>0238.5</b>		4 <b>0284.5</b>		19 <b>0330.5</b>		4 <b>0376.5</b>
	18 <b>0239.5</b>		5 <b>0285.5</b>		20 <b>0331.5</b>		5 <b>0377.5</b>
	19 <b>0240.5</b>		6 <b>0286.5</b>		21 <b>0332.5</b>		6 <b>0378.5</b>
	20 <b>0241.5</b>		7 <b>0287.5</b>		22 <b>0333.5</b>		7 <b>0379.5</b>
	21 <b>0242.5</b>		8 <b>0288.5</b>		23 <b>0334.5</b>		8 <b>0380.5</b>
	22 <b>0243.5</b>		9 <b>0289.5</b>		24 <b>0335.5</b>		9 <b>0381.5</b>
	23 <b>0244.5</b>		10 <b>0290.5</b>		25 <b>0336.5</b>		10 <b>0382.5</b>
	24 <b>0245.5</b>		11 <b>0291.5</b>		26 <b>0337.5</b>		11 <b>0383.5</b>
	25 <b>0246.5</b>		12 <b>0292.5</b>		27 <b>0338.5</b>		12 <b>0384.5</b>
	26 <b>0247.5</b>		13 <b>0293.5</b>		28 <b>0339.5</b>		13 <b>0385.5</b>
	27 <b>0248.5</b>		14 <b>0294.5</b>		29 <b>0340.5</b>		14 <b>0386.5</b>
	28 <b>0249.5</b>		15 <b>0295.5</b>		30 <b>0341.5</b>		15 <b>0387.5</b>
	29 <b>0250.5</b>		16 <b>0296.5</b>	May	1 <b>0342.5</b>		16 <b>0388.5</b>
	30 <b>0251.5</b>		17 <b>0297.5</b>		2 <b>0343.5</b>		17 <b>0389.5</b>
	31 <b>0252.5</b>		18 <b>0298.5</b>		3 <b>0344.5</b>		18 <b>0390.5</b>
Feb.	1 <b>0253.5</b>		19 <b>0299.5</b>		4 <b>0345.5</b>		19 <b>0391.5</b>
	2 <b>0254.5</b>		20 <b>0300.5</b>		5 <b>0346.5</b>		20 <b>0392.5</b>
	3 <b>0255.5</b>		21 <b>0301.5</b>		6 <b>0347.5</b>		21 <b>0393.5</b>
	4 <b>0256.5</b>		22 <b>0302.5</b>		7 <b>0348.5</b>		22 <b>0394.5</b>
	5 <b>0257.5</b>		23 <b>0303.5</b>		8 <b>0349.5</b>		23 <b>0395.5</b>
	6 <b>0258.5</b>		24 <b>0304.5</b>		9 <b>0350.5</b>		24 <b>0396.5</b>
	7 <b>0259.5</b>		25 <b>0305.5</b>		10 <b>0351.5</b>		25 <b>0397.5</b>
	8 <b>0260.5</b>		26 <b>0306.5</b>		11 <b>0352.5</b>		26 <b>0398.5</b>
	9 <b>0261.5</b>		27 <b>0307.5</b>		12 <b>0353.5</b>		27 <b>0399.5</b>
	10 <b>0262.5</b>		28 <b>0308.5</b>		13 <b>0354.5</b>		28 <b>0400.5</b>
	11 <b>0263.5</b>		29 <b>0309.5</b>		14 <b>0355.5</b>		29 <b>0401.5</b>
	12 <b>0264.5</b>		30 <b>0310.5</b>		15 <b>0356.5</b>		30 <b>0402.5</b>
	13 <b>0265.5</b>		31 <b>0311.5</b>		16 <b>0357.5</b>	July	1 <b>0403.5</b>
	14 <b>0266.5</b>	Apr.	1 <b>0312.5</b>		17 <b>0358.5</b>		2 <b>0404.5</b>

## JULIAN DAYS, 1969

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>244</b>		<b>244</b>		<b>244</b>		<b>244</b>
July	1 <b>0403.5</b>	Aug.	16 <b>0449.5</b>	Oct.	1 <b>0495.5</b>	Nov.	16 <b>0541.5</b>
	2 <b>0404.5</b>		17 <b>0450.5</b>		2 <b>0496.5</b>		17 <b>0542.5</b>
	3 <b>0405.5</b>		18 <b>0451.5</b>		3 <b>0497.5</b>		18 <b>0543.5</b>
	4 <b>0406.5</b>		19 <b>0452.5</b>		4 <b>0498.5</b>		19 <b>0544.5</b>
	5 <b>0407.5</b>		20 <b>0453.5</b>		5 <b>0499.5</b>		20 <b>0545.5</b>
	6 <b>0408.5</b>		21 <b>0454.5</b>		6 <b>0500.5</b>		21 <b>0546.5</b>
	7 <b>0409.5</b>		22 <b>0455.5</b>		7 <b>0501.5</b>		22 <b>0547.5</b>
	8 <b>0410.5</b>		23 <b>0456.5</b>		8 <b>0502.5</b>		23 <b>0548.5</b>
	9 <b>0411.5</b>		24 <b>0457.5</b>		9 <b>0503.5</b>		24 <b>0549.5</b>
	10 <b>0412.5</b>		25 <b>0458.5</b>		10 <b>0504.5</b>		25 <b>0550.5</b>
	11 <b>0413.5</b>		26 <b>0459.5</b>		11 <b>0505.5</b>		26 <b>0551.5</b>
	12 <b>0414.5</b>		27 <b>0460.5</b>		12 <b>0506.5</b>		27 <b>0552.5</b>
	13 <b>0415.5</b>		28 <b>0461.5</b>		13 <b>0507.5</b>		28 <b>0553.5</b>
	14 <b>0416.5</b>		29 <b>0462.5</b>		14 <b>0508.5</b>		29 <b>0554.5</b>
	15 <b>0417.5</b>		30 <b>0463.5</b>		15 <b>0509.5</b>		30 <b>0555.5</b>
	16 <b>0418.5</b>		31 <b>0464.5</b>		16 <b>0510.5</b>	Dec.	1 <b>0556.5</b>
	17 <b>0419.5</b>	Sept.	1 <b>0465.5</b>		17 <b>0511.5</b>		2 <b>0557.5</b>
	18 <b>0420.5</b>		2 <b>0466.5</b>		18 <b>0512.5</b>		3 <b>0558.5</b>
	19 <b>0421.5</b>		3 <b>0467.5</b>		19 <b>0513.5</b>		4 <b>0559.5</b>
	20 <b>0422.5</b>		4 <b>0468.5</b>		20 <b>0514.5</b>		5 <b>0560.5</b>
	21 <b>0423.5</b>		5 <b>0469.5</b>		21 <b>0515.5</b>		6 <b>0561.5</b>
	22 <b>0424.5</b>		6 <b>0470.5</b>		22 <b>0516.5</b>		7 <b>0562.5</b>
	23 <b>0425.5</b>		7 <b>0471.5</b>		23 <b>0517.5</b>		8 <b>0563.5</b>
	24 <b>0426.5</b>		8 <b>0472.5</b>		24 <b>0518.5</b>		9 <b>0564.5</b>
	25 <b>0427.5</b>		9 <b>0473.5</b>		25 <b>0519.5</b>		10 <b>0565.5</b>
	26 <b>0428.5</b>		10 <b>0474.5</b>		26 <b>0520.5</b>		11 <b>0566.5</b>
	27 <b>0429.5</b>		11 <b>0475.5</b>		27 <b>0521.5</b>		12 <b>0567.5</b>
	28 <b>0430.5</b>		12 <b>0476.5</b>		28 <b>0522.5</b>		13 <b>0568.5</b>
	29 <b>0431.5</b>		13 <b>0477.5</b>		29 <b>0523.5</b>		14 <b>0569.5</b>
	30 <b>0432.5</b>		14 <b>0478.5</b>		30 <b>0524.5</b>		15 <b>0570.5</b>
	31 <b>0433.5</b>		15 <b>0479.5</b>		31 <b>0525.5</b>		16 <b>0571.5</b>
Aug.	1 <b>0434.5</b>		16 <b>0480.5</b>	Nov.	1 <b>0526.5</b>		17 <b>0572.5</b>
	2 <b>0435.5</b>		17 <b>0481.5</b>		2 <b>0527.5</b>		18 <b>0573.5</b>
	3 <b>0436.5</b>		18 <b>0482.5</b>		3 <b>0528.5</b>		19 <b>0574.5</b>
	4 <b>0437.5</b>		19 <b>0483.5</b>		4 <b>0529.5</b>		20 <b>0575.5</b>
	5 <b>0438.5</b>		20 <b>0484.5</b>		5 <b>0530.5</b>		21 <b>0576.5</b>
	6 <b>0439.5</b>		21 <b>0485.5</b>		6 <b>0531.5</b>		22 <b>0577.5</b>
	7 <b>0440.5</b>		22 <b>0486.5</b>		7 <b>0532.5</b>		23 <b>0578.5</b>
	8 <b>0441.5</b>		23 <b>0487.5</b>		8 <b>0533.5</b>		24 <b>0579.5</b>
	9 <b>0442.5</b>		24 <b>0488.5</b>		9 <b>0534.5</b>		25 <b>0580.5</b>
	10 <b>0443.5</b>		25 <b>0489.5</b>		10 <b>0535.5</b>		26 <b>0581.5</b>
	11 <b>0444.5</b>		26 <b>0490.5</b>		11 <b>0536.5</b>		27 <b>0582.5</b>
	12 <b>0445.5</b>		27 <b>0491.5</b>		12 <b>0537.5</b>		28 <b>0583.5</b>
	13 <b>0446.5</b>		28 <b>0492.5</b>		13 <b>0538.5</b>		29 <b>0584.5</b>
	14 <b>0447.5</b>		29 <b>0493.5</b>		14 <b>0539.5</b>		30 <b>0585.5</b>
	15 <b>0448.5</b>		30 <b>0494.5</b>		15 <b>0540.5</b>		31 <b>0586.5</b>

## JULIAN DAYS, 1970

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>244</b>		<b>244</b>		<b>244</b>		<b>244</b>
Jan.	0 <b>0586.5</b>	Feb.	15 <b>0632.5</b>	Apr.	2 <b>0678.5</b>	May	18 <b>0724.5</b>
	1 <b>0587.5</b>		16 <b>0633.5</b>		3 <b>0679.5</b>		19 <b>0725.5</b>
	2 <b>0588.5</b>		17 <b>0634.5</b>		4 <b>0680.5</b>		20 <b>0726.5</b>
	3 <b>0589.5</b>		18 <b>0635.5</b>		5 <b>0681.5</b>		21 <b>0727.5</b>
	4 <b>0590.5</b>		19 <b>0636.5</b>		6 <b>0682.5</b>		22 <b>0728.5</b>
	5 <b>0591.5</b>		20 <b>0637.5</b>		7 <b>0683.5</b>		23 <b>0729.5</b>
	6 <b>0592.5</b>		21 <b>0638.5</b>		8 <b>0684.5</b>		24 <b>0730.5</b>
	7 <b>0593.5</b>		22 <b>0639.5</b>		9 <b>0685.5</b>		25 <b>0731.5</b>
	8 <b>0594.5</b>		23 <b>0640.5</b>		10 <b>0686.5</b>		26 <b>0732.5</b>
	9 <b>0595.5</b>		24 <b>0641.5</b>		11 <b>0687.5</b>		27 <b>0733.5</b>
	10 <b>0596.5</b>		25 <b>0642.5</b>		12 <b>0688.5</b>		28 <b>0734.5</b>
	11 <b>0597.5</b>		26 <b>0643.5</b>		13 <b>0689.5</b>		29 <b>0735.5</b>
	12 <b>0598.5</b>		27 <b>0644.5</b>		14 <b>0690.5</b>		30 <b>0736.5</b>
	13 <b>0599.5</b>		28 <b>0645.5</b>		15 <b>0691.5</b>		31 <b>0737.5</b>
	14 <b>0600.5</b>	Mar.	1 <b>0646.5</b>		16 <b>0692.5</b>	June	1 <b>0738.5</b>
	15 <b>0601.5</b>		2 <b>0647.5</b>		17 <b>0693.5</b>		2 <b>0739.5</b>
	16 <b>0602.5</b>		3 <b>0648.5</b>		18 <b>0694.5</b>		3 <b>0740.5</b>
	17 <b>0603.5</b>		4 <b>0649.5</b>		19 <b>0695.5</b>		4 <b>0741.5</b>
	18 <b>0604.5</b>		5 <b>0650.5</b>		20 <b>0696.5</b>		5 <b>0742.5</b>
	19 <b>0605.5</b>		6 <b>0651.5</b>		21 <b>0697.5</b>		6 <b>0743.5</b>
	20 <b>0606.5</b>		7 <b>0652.5</b>		22 <b>0698.5</b>		7 <b>0744.5</b>
	21 <b>0607.5</b>		8 <b>0653.5</b>		23 <b>0699.5</b>		8 <b>0745.5</b>
	22 <b>0608.5</b>		9 <b>0654.5</b>		24 <b>0700.5</b>		9 <b>0746.5</b>
	23 <b>0609.5</b>		10 <b>0655.5</b>		25 <b>0701.5</b>		10 <b>0747.5</b>
	24 <b>0610.5</b>		11 <b>0656.5</b>		26 <b>0702.5</b>		11 <b>0748.5</b>
	25 <b>0611.5</b>		12 <b>0657.5</b>		27 <b>0703.5</b>		12 <b>0749.5</b>
	26 <b>0612.5</b>		13 <b>0658.5</b>		28 <b>0704.5</b>		13 <b>0750.5</b>
	27 <b>0613.5</b>		14 <b>0659.5</b>		29 <b>0705.5</b>		14 <b>0751.5</b>
	28 <b>0614.5</b>		15 <b>0660.5</b>		30 <b>0706.5</b>		15 <b>0752.5</b>
	29 <b>0615.5</b>		16 <b>0661.5</b>	May	1 <b>0707.5</b>		16 <b>0753.5</b>
	30 <b>0616.5</b>		17 <b>0662.5</b>		2 <b>0708.5</b>		17 <b>0754.5</b>
	31 <b>0617.5</b>		18 <b>0663.5</b>		3 <b>0709.5</b>		18 <b>0755.5</b>
Feb.	1 <b>0618.5</b>		19 <b>0664.5</b>		4 <b>0710.5</b>		19 <b>0756.5</b>
	2 <b>0619.5</b>		20 <b>0665.5</b>		5 <b>0711.5</b>		20 <b>0757.5</b>
	3 <b>0620.5</b>		21 <b>0666.5</b>		6 <b>0712.5</b>		21 <b>0758.5</b>
	4 <b>0621.5</b>		22 <b>0667.5</b>		7 <b>0713.5</b>		22 <b>0759.5</b>
	5 <b>0622.5</b>		23 <b>0668.5</b>		8 <b>0714.5</b>		23 <b>0760.5</b>
	6 <b>0623.5</b>		24 <b>0669.5</b>		9 <b>0715.5</b>		24 <b>0761.5</b>
	7 <b>0624.5</b>		25 <b>0670.5</b>		10 <b>0716.5</b>		25 <b>0762.5</b>
	8 <b>0625.5</b>		26 <b>0671.5</b>		11 <b>0717.5</b>		26 <b>0763.5</b>
	9 <b>0626.5</b>		27 <b>0672.5</b>		12 <b>0718.5</b>		27 <b>0764.5</b>
	10 <b>0627.5</b>		28 <b>0673.5</b>		13 <b>0719.5</b>		28 <b>0765.5</b>
	11 <b>0628.5</b>		29 <b>0674.5</b>		14 <b>0720.5</b>		29 <b>0766.5</b>
	12 <b>0629.5</b>		30 <b>0675.5</b>		15 <b>0721.5</b>		30 <b>0767.5</b>
	13 <b>0630.5</b>		31 <b>0676.5</b>		16 <b>0722.5</b>	July	1 <b>0768.5</b>
	14 <b>0631.5</b>	Apr.	1 <b>0677.5</b>		17 <b>0723.5</b>		2 <b>0769.5</b>

# JULIAN DAYS, 1970

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>244</b>		<b>244</b>		<b>244</b>		<b>244</b>
July	1 <b>0768.5</b>	Aug.	16 <b>0814.5</b>	Oct.	1 <b>0860.5</b>	Nov.	16 <b>0906.5</b>
	2 <b>0769.5</b>		17 <b>0815.5</b>		2 <b>0861.5</b>		17 <b>0907.5</b>
	3 <b>0770.5</b>		18 <b>0816.5</b>		3 <b>0862.5</b>		18 <b>0908.5</b>
	4 <b>0771.5</b>		19 <b>0817.5</b>		4 <b>0863.5</b>		19 <b>0909.5</b>
	5 <b>0772.5</b>		20 <b>0818.5</b>		5 <b>0864.5</b>		20 <b>0910.5</b>
	6 <b>0773.5</b>		21 <b>0819.5</b>		6 <b>0865.5</b>		21 <b>0911.5</b>
	7 <b>0774.5</b>		22 <b>0820.5</b>		7 <b>0866.5</b>		22 <b>0912.5</b>
	8 <b>0775.5</b>		23 <b>0821.5</b>		8 <b>0867.5</b>		23 <b>0913.5</b>
	9 <b>0776.5</b>		24 <b>0822.5</b>		9 <b>0868.5</b>		24 <b>0914.5</b>
	10 <b>0777.5</b>		25 <b>0823.5</b>		10 <b>0869.5</b>		25 <b>0915.5</b>
	11 <b>0778.5</b>		26 <b>0824.5</b>		11 <b>0870.5</b>		26 <b>0916.5</b>
	12 <b>0779.5</b>		27 <b>0825.5</b>		12 <b>0871.5</b>		27 <b>0917.5</b>
	13 <b>0780.5</b>		28 <b>0826.5</b>		13 <b>0872.5</b>		28 <b>0918.5</b>
	14 <b>0781.5</b>		29 <b>0827.5</b>		14 <b>0873.5</b>		29 <b>0919.5</b>
	15 <b>0782.5</b>		30 <b>0828.5</b>		15 <b>0874.5</b>		30 <b>0920.5</b>
	16 <b>0783.5</b>		31 <b>0829.5</b>		16 <b>0875.5</b>	Dec.	1 <b>0921.5</b>
	17 <b>0784.5</b>	Sept.	1 <b>0830.5</b>		17 <b>0876.5</b>		2 <b>0922.5</b>
	18 <b>0785.5</b>		2 <b>0831.5</b>		18 <b>0877.5</b>		3 <b>0923.5</b>
	19 <b>0786.5</b>		3 <b>0832.5</b>		19 <b>0878.5</b>		4 <b>0924.5</b>
	20 <b>0787.5</b>		4 <b>0833.5</b>		20 <b>0879.5</b>		5 <b>0925.5</b>
	21 <b>0788.5</b>		5 <b>0834.5</b>		21 <b>0880.5</b>		6 <b>0926.5</b>
	22 <b>0789.5</b>		6 <b>0835.5</b>		22 <b>0881.5</b>		7 <b>0927.5</b>
	23 <b>0790.5</b>		7 <b>0836.5</b>		23 <b>0882.5</b>		8 <b>0928.5</b>
	24 <b>0791.5</b>		8 <b>0837.5</b>		24 <b>0883.5</b>		9 <b>0929.5</b>
	25 <b>0792.5</b>		9 <b>0838.5</b>		25 <b>0884.5</b>		10 <b>0930.5</b>
	26 <b>0793.5</b>		10 <b>0839.5</b>		26 <b>0885.5</b>		11 <b>0931.5</b>
	27 <b>0794.5</b>		11 <b>0840.5</b>		27 <b>0886.5</b>		12 <b>0932.5</b>
	28 <b>0795.5</b>		12 <b>0841.5</b>		28 <b>0887.5</b>		13 <b>0933.5</b>
	29 <b>0796.5</b>		13 <b>0842.5</b>		29 <b>0888.5</b>		14 <b>0934.5</b>
	30 <b>0797.5</b>		14 <b>0843.5</b>		30 <b>0889.5</b>		15 <b>0935.5</b>
	31 <b>0798.5</b>		15 <b>0844.5</b>		31 <b>0890.5</b>		16 <b>0936.5</b>
Aug.	1 <b>0799.5</b>		16 <b>0845.5</b>	Nov.	1 <b>0891.5</b>		17 <b>0937.5</b>
	2 <b>0800.5</b>		17 <b>0846.5</b>		2 <b>0892.5</b>		18 <b>0938.5</b>
	3 <b>0801.5</b>		18 <b>0847.5</b>		3 <b>0893.5</b>		19 <b>0939.5</b>
	4 <b>0802.5</b>		19 <b>0848.5</b>		4 <b>0894.5</b>		20 <b>0940.5</b>
	5 <b>0803.5</b>		20 <b>0849.5</b>		5 <b>0895.5</b>		21 <b>0941.5</b>
	6 <b>0804.5</b>		21 <b>0850.5</b>		6 <b>0896.5</b>		22 <b>0942.5</b>
	7 <b>0805.5</b>		22 <b>0851.5</b>		7 <b>0897.5</b>		23 <b>0943.5</b>
	8 <b>0806.5</b>		23 <b>0852.5</b>		8 <b>0898.5</b>		24 <b>0944.5</b>
	9 <b>0807.5</b>		24 <b>0853.5</b>		9 <b>0899.5</b>		25 <b>0945.5</b>
	10 <b>0808.5</b>		25 <b>0854.5</b>		10 <b>0900.5</b>		26 <b>0946.5</b>
	11 <b>0809.5</b>		26 <b>0855.5</b>		11 <b>0901.5</b>		27 <b>0947.5</b>
	12 <b>0810.5</b>		27 <b>0856.5</b>		12 <b>0902.5</b>		28 <b>0948.5</b>
	13 <b>0811.5</b>		28 <b>0857.5</b>		13 <b>0903.5</b>		29 <b>0949.5</b>
	14 <b>0812.5</b>		29 <b>0858.5</b>		14 <b>0904.5</b>		30 <b>0950.5</b>
	15 <b>0813.5</b>		30 <b>0859.5</b>		15 <b>0905.5</b>		31 <b>0951.5</b>

# JULIAN DAYS, 1971

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>244</b>		<b>244</b>		<b>244</b>		<b>244</b>
Jan.	0 <b>0951.5</b>	Feb.	15 <b>0997.5</b>	Apr.	2 <b>1043.5</b>	May	18 <b>1089.5</b>
	1 <b>0952.5</b>		16 <b>0998.5</b>		3 <b>1044.5</b>		19 <b>1090.5</b>
	2 <b>0953.5</b>		17 <b>0999.5</b>		4 <b>1045.5</b>		20 <b>1091.5</b>
	3 <b>0954.5</b>		18 <b>1000.5</b>		5 <b>1046.5</b>		21 <b>1092.5</b>
	4 <b>0955.5</b>		19 <b>1001.5</b>		6 <b>1047.5</b>		22 <b>1093.5</b>
	5 <b>0956.5</b>		20 <b>1002.5</b>		7 <b>1048.5</b>		23 <b>1094.5</b>
	6 <b>0957.5</b>		21 <b>1003.5</b>		8 <b>1049.5</b>		24 <b>1095.5</b>
	7 <b>0958.5</b>		22 <b>1004.5</b>		9 <b>1050.5</b>		25 <b>1096.5</b>
	8 <b>0959.5</b>		23 <b>1005.5</b>		10 <b>1051.5</b>		26 <b>1097.5</b>
	9 <b>0960.5</b>		24 <b>1006.5</b>		11 <b>1052.5</b>		27 <b>1098.5</b>
	10 <b>0961.5</b>		25 <b>1007.5</b>		12 <b>1053.5</b>		28 <b>1099.5</b>
	11 <b>0962.5</b>		26 <b>1008.5</b>		13 <b>1054.5</b>		29 <b>1100.5</b>
	12 <b>0963.5</b>		27 <b>1009.5</b>		14 <b>1055.5</b>		30 <b>1101.5</b>
	13 <b>0964.5</b>		28 <b>1010.5</b>		15 <b>1056.5</b>		31 <b>1102.5</b>
	14 <b>0965.5</b>	Mar.	1 <b>1011.5</b>		16 <b>1057.5</b>	June	1 <b>1103.5</b>
	15 <b>0966.5</b>		2 <b>1012.5</b>		17 <b>1058.5</b>		2 <b>1104.5</b>
	16 <b>0967.5</b>		3 <b>1013.5</b>		18 <b>1059.5</b>		3 <b>1105.5</b>
	17 <b>0968.5</b>		4 <b>1014.5</b>		19 <b>1060.5</b>		4 <b>1106.5</b>
	18 <b>0969.5</b>		5 <b>1015.5</b>		20 <b>1061.5</b>		5 <b>1107.5</b>
	19 <b>0970.5</b>		6 <b>1016.5</b>		21 <b>1062.5</b>		6 <b>1108.5</b>
	20 <b>0971.5</b>		7 <b>1017.5</b>		22 <b>1063.5</b>		7 <b>1109.5</b>
	21 <b>0972.5</b>		8 <b>1018.5</b>		23 <b>1064.5</b>		8 <b>1110.5</b>
	22 <b>0973.5</b>		9 <b>1019.5</b>		24 <b>1065.5</b>		9 <b>1111.5</b>
	23 <b>0974.5</b>		10 <b>1020.5</b>		25 <b>1066.5</b>		10 <b>1112.5</b>
	24 <b>0975.5</b>		11 <b>1021.5</b>		26 <b>1067.5</b>		11 <b>1113.5</b>
	25 <b>0976.5</b>		12 <b>1022.5</b>		27 <b>1068.5</b>		12 <b>1114.5</b>
	26 <b>0977.5</b>		13 <b>1023.5</b>		28 <b>1069.5</b>		13 <b>1115.5</b>
	27 <b>0978.5</b>		14 <b>1024.5</b>		29 <b>1070.5</b>		14 <b>1116.5</b>
	28 <b>0979.5</b>		15 <b>1025.5</b>		30 <b>1071.5</b>		15 <b>1117.5</b>
	29 <b>0980.5</b>		16 <b>1026.5</b>	May	1 <b>1072.5</b>		16 <b>1118.5</b>
	30 <b>0981.5</b>		17 <b>1027.5</b>		2 <b>1073.5</b>		17 <b>1119.5</b>
	31 <b>0982.5</b>		18 <b>1028.5</b>		3 <b>1074.5</b>		18 <b>1120.5</b>
Feb.	1 <b>0983.5</b>		19 <b>1029.5</b>		4 <b>1075.5</b>		19 <b>1121.5</b>
	2 <b>0984.5</b>		20 <b>1030.5</b>		5 <b>1076.5</b>		20 <b>1122.5</b>
	3 <b>0985.5</b>		21 <b>1031.5</b>		6 <b>1077.5</b>		21 <b>1123.5</b>
	4 <b>0986.5</b>		22 <b>1032.5</b>		7 <b>1078.5</b>		22 <b>1124.5</b>
	5 <b>0987.5</b>		23 <b>1033.5</b>		8 <b>1079.5</b>		23 <b>1125.5</b>
	6 <b>0988.5</b>		24 <b>1034.5</b>		9 <b>1080.5</b>		24 <b>1126.5</b>
	7 <b>0989.5</b>		25 <b>1035.5</b>		10 <b>1081.5</b>		25 <b>1127.5</b>
	8 <b>0990.5</b>		26 <b>1036.5</b>		11 <b>1082.5</b>		26 <b>1128.5</b>
	9 <b>0991.5</b>		27 <b>1037.5</b>		12 <b>1083.5</b>		27 <b>1129.5</b>
	10 <b>0992.5</b>		28 <b>1038.5</b>		13 <b>1084.5</b>		28 <b>1130.5</b>
	11 <b>0993.5</b>		29 <b>1039.5</b>		14 <b>1085.5</b>		29 <b>1131.5</b>
	12 <b>0994.5</b>		30 <b>1040.5</b>		15 <b>1086.5</b>		30 <b>1132.5</b>
	13 <b>0995.5</b>		31 <b>1041.5</b>		16 <b>1087.5</b>	July	1 <b>1133.5</b>
	14 <b>0996.5</b>	Apr.	1 <b>1042.5</b>		17 <b>1088.5</b>		2 <b>1134.5</b>



## JULIAN DAYS, 1971

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>244</b>		<b>244</b>		<b>244</b>		<b>244</b>
July	1 1133.5	Aug.	16 1179.5	Oct.	1 1225.5	Nov.	16 1271.5
	2 1134.5		17 1180.5		2 1226.5		17 1272.5
	3 1135.5		18 1181.5		3 1227.5		18 1273.5
	4 1136.5		19 1182.5		4 1228.5		19 1274.5
	5 1137.5		20 1183.5		5 1229.5		20 1275.5
	6 1138.5		21 1184.5		6 1230.5		21 1276.5
	7 1139.5		22 1185.5		7 1231.5		22 1277.5
	8 1140.5		23 1186.5		8 1232.5		23 1278.5
	9 1141.5		24 1187.5		9 1233.5		24 1279.5
	10 1142.5		25 1188.5		10 1234.5		25 1280.5
	11 1143.5		26 1189.5		11 1235.5		26 1281.5
	12 1144.5		27 1190.5		12 1236.5		27 1282.5
	13 1145.5		28 1191.5		13 1237.5		28 1283.5
	14 1146.5		29 1192.5		14 1238.5		29 1284.5
	15 1147.5		30 1193.5		15 1239.5		30 1285.5
	16 1148.5		31 1194.5		16 1240.5	Dec.	1 1286.5
	17 1149.5	Sept.	1 1195.5		17 1241.5		2 1287.5
	18 1150.5		2 1196.5		18 1242.5		3 1288.5
	19 1151.5		3 1197.5		19 1243.5		4 1289.5
	20 1152.5		4 1198.5		20 1244.5		5 1290.5
	21 1153.5		5 1199.5		21 1245.5		6 1291.5
	22 1154.5		6 1200.5		22 1246.5		7 1292.5
	23 1155.5		7 1201.5		23 1247.5		8 1293.5
	24 1156.5		8 1202.5		24 1248.5		9 1294.5
	25 1157.5		9 1203.5		25 1249.5		10 1295.5
	26 1158.5		10 1204.5		26 1250.5		11 1296.5
	27 1159.5		11 1205.5		27 1251.5		12 1297.5
	28 1160.5		12 1206.5		28 1252.5		13 1298.5
	29 1161.5		13 1207.5		29 1253.5		14 1299.5
	30 1162.5		14 1208.5		30 1254.5		15 1300.5
	31 1163.5		15 1209.5		31 1255.5		16 1301.5
Aug.	1 1164.5		16 1210.5	Nov.	1 1256.5		17 1302.5
	2 1165.5		17 1211.5		2 1257.5		18 1303.5
	3 1166.5		18 1212.5		3 1258.5		19 1304.5
	4 1167.5		19 1213.5		4 1259.5		20 1305.5
	5 1168.5		20 1214.5		5 1260.5		21 1306.5
	6 1169.5		21 1215.5		6 1261.5		22 1307.5
	7 1170.5		22 1216.5		7 1262.5		23 1308.5
	8 1171.5		23 1217.5		8 1263.5		24 1309.5
	9 1172.5		24 1218.5		9 1264.5		25 1310.5
	10 1173.5		25 1219.5		10 1265.5		26 1311.5
	11 1174.5		26 1220.5		11 1266.5		27 1312.5
	12 1175.5		27 1221.5		12 1267.5		28 1313.5
	13 1176.5		28 1222.5		13 1268.5		29 1314.5
	14 1177.5		29 1223.5		14 1269.5		30 1315.5
	15 1178.5		30 1224.5		15 1270.5		31 1316.5

## JULIAN DAYS, 1972

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>244</b>		<b>244</b>		<b>244</b>		<b>244</b>
Jan.	0 1316.5	Feb.	15 1362.5	Apr.	1 1408.5	May	17 1454.5
	1 1317.5		16 1363.5		2 1409.5		18 1455.5
	2 1318.5		17 1364.5		3 1410.5		10 1456.5
	3 1319.5		18 1365.5		4 1411.5		20 1457.5
	4 1320.5		19 1366.5		5 1412.5		21 1458.5
	5 1321.5		20 1367.5		6 1413.5		22 1459.5
	6 1322.5		21 1368.5		7 1414.5		23 1460.5
	7 1323.5		22 1369.5		8 1415.5		24 1461.5
	8 1324.5		23 1370.5		9 1416.5		25 1462.5
	9 1325.5		24 1371.5		10 1417.5		26 1463.5
	10 1326.5		25 1372.5		11 1418.5		27 1464.5
	11 1327.5		26 1373.5		12 1419.5		28 1465.5
	12 1328.5		27 1374.5		13 1420.5		29 1466.5
	13 1329.5		28 1375.5		14 1421.5		30 1467.5
	14 1330.5		29 1376.5		15 1422.5		31 1468.5
	15 1331.5	Mar.	1 1377.5		16 1423.5	June	1 1469.5
	16 1332.5		2 1378.5		17 1424.5		2 1470.5
	17 1333.5		3 1379.5		18 1425.5		3 1471.5
	18 1334.5		4 1380.5		19 1426.5		4 1472.5
	19 1335.5		5 1381.5		20 1427.5		5 1473.5
	20 1336.5		6 1382.5		21 1428.5		6 1474.5
	21 1337.5		7 1383.5		22 1429.5		7 1475.5
	22 1338.5		8 1384.5		23 1430.5		8 1476.5
	23 1339.5		9 1385.5		24 1431.5		9 1477.5
	24 1340.5		10 1386.5		25 1432.5		10 1478.5
	25 1341.5		11 1387.5		26 1433.5		11 1479.5
	26 1342.5		12 1388.5		27 1434.5		12 1480.5
	27 1343.5		13 1389.5		28 1435.5		13 1481.5
	28 1344.5		14 1390.5		29 1436.5		14 1482.5
	29 1345.5		15 1391.5		30 1437.5		15 1483.5
	30 1346.5		16 1392.5	May	1 1438.5		16 1484.5
	31 1347.5		17 1393.5		2 1439.5		17 1485.5
Feb.	1 1348.5		18 1394.5		3 1440.5		18 1486.5
	2 1349.5		19 1395.5		4 1441.5		19 1487.5
	3 1350.5		20 1396.5		5 1442.5		20 1488.5
	4 1351.5		21 1397.5		6 1443.5		21 1489.5
	5 1352.5		22 1398.5		7 1444.5		22 1490.5
	6 1353.5		23 1399.5		8 1445.5		23 1491.5
	7 1354.5		24 1400.5		9 1446.5		24 1492.5
	8 1355.5		25 1401.5		10 1447.5		25 1493.5
	9 1356.5		26 1402.5		11 1448.5		26 1494.5
	10 1357.5		27 1403.5		12 1449.5		27 1495.5
	11 1358.5		28 1404.5		13 1450.5		28 1496.5
	12 1359.5		29 1405.5		14 1451.5		29 1497.5
	13 1360.5		30 1406.5		15 1452.5		30 1498.5
	14 1361.5		31 1407.5		16 1453.5	July	1 1499.5

## JULIAN DAYS, 1972

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>244</b>		<b>244</b>		<b>244</b>		<b>244</b>
July	1 1499.5	Aug.	16 1545.5	Oct.	1 1591.5	Nov.	16 1637.5
	2 1500.5		17 1546.5		2 1592.5		17 1638.5
	3 1501.5		18 1547.5		3 1593.5		18 1639.5
	4 1502.5		19 1548.5		4 1594.5		19 1640.5
	5 1503.5		20 1549.5		5 1595.5		20 1641.5
	6 1504.5		21 1550.5		6 1596.5		21 1642.5
	7 1505.5		22 1551.5		7 1597.5		22 1643.5
	8 1506.5		23 1552.5		8 1598.5		23 1644.5
	9 1507.5		24 1553.5		9 1599.5		24 1645.5
	10 1508.5		25 1554.5		10 1600.5		25 1646.5
	11 1509.5		26 1555.5		11 1601.5		26 1647.5
	12 1510.5		27 1556.5		12 1602.5		27 1648.5
	13 1511.5		28 1557.5		13 1603.5		28 1649.5
	14 1512.5		29 1558.5		14 1604.5		29 1650.5
	15 1513.5		30 1559.5		15 1605.5		30 1651.5
	16 1514.5		31 1560.5		16 1606.5	Dec.	1 1652.5
	17 1515.5	Sept.	1 1561.5		17 1607.5		2 1653.5
	18 1516.5		2 1562.5		18 1608.5		3 1654.5
	19 1517.5		3 1563.5		19 1609.5		4 1655.5
	20 1518.5		4 1564.5		20 1610.5		5 1656.5
	21 1519.5		5 1565.5		21 1611.5		6 1657.5
	22 1520.5		6 1566.5		22 1612.5		7 1658.5
	23 1521.5		7 1567.5		23 1613.5		8 1659.5
	24 1522.5		8 1568.5		24 1614.5		9 1660.5
	25 1523.5		9 1569.5		25 1615.5		10 1661.5
	26 1524.5		10 1570.5		26 1616.5		11 1662.5
	27 1525.5		11 1571.5		27 1617.5		12 1663.5
	28 1526.5		12 1572.5		28 1618.5		13 1664.5
	29 1527.5		13 1573.5		29 1619.5		14 1665.5
	30 1528.5		14 1574.5		30 1620.5		15 1666.5
	31 1529.5		15 1575.5		31 1621.5		16 1667.5
Aug.	1 1530.5		16 1576.5	Nov.	1 1622.5		17 1668.5
	2 1531.5		17 1577.5		2 1623.5		18 1669.5
	3 1532.5		18 1578.5		3 1624.5		19 1670.5
	4 1533.5		19 1579.5		4 1625.5		20 1671.5
	5 1534.5		20 1580.5		5 1626.5		21 1672.5
	6 1535.5		21 1581.5		6 1627.5		22 1673.5
	7 1536.5		22 1582.5		7 1628.5		23 1674.5
	8 1537.5		23 1583.5		8 1629.5		24 1675.5
	9 1538.5		24 1584.5		9 1630.5		25 1676.5
	10 1539.5		25 1585.5		10 1631.5		26 1677.5
	11 1540.5		26 1586.5		11 1632.5		27 1678.5
	12 1541.5		27 1587.5		12 1633.5		28 1679.5
	13 1542.5		28 1588.5		13 1634.5		29 1680.5
	14 1543.5		29 1589.5		14 1635.5		30 1681.5
	15 1544.5		30 1590.5		15 1636.5		31 1682.5

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Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>244</b>		<b>244</b>		<b>244</b>		<b>244</b>
Jan.	0 1682.5	Feb.	15 1728.5	Apr.	2 1774.5	May	18 1820.5
	1 1683.5		16 1729.5		3 1775.5		19 1821.5
	2 1684.5		17 1730.5		4 1776.5		20 1822.5
	3 1685.5		18 1731.5		5 1777.5		21 1823.5
	4 1686.5		19 1732.5		6 1778.5		22 1824.5
	5 1687.5		20 1733.5		7 1779.5		23 1825.5
	6 1688.5		21 1734.5		8 1780.5		24 1826.5
	7 1689.5		22 1735.5		9 1781.5		25 1827.5
	8 1690.5		23 1736.5		10 1782.5		26 1828.5
	9 1691.5		24 1737.5		11 1783.5		27 1829.5
	10 1692.5		25 1738.5		12 1784.5		28 1830.5
	11 1693.5		26 1739.5		13 1785.5		29 1831.5
	12 1694.5		27 1740.5		14 1786.5		30 1832.5
	13 1695.5		28 1741.5		15 1787.5		31 1833.5
	14 1696.5	Mar.	1 1742.5		16 1788.5	June	1 1834.5
	15 1697.5		2 1743.5		17 1789.5		2 1835.5
	16 1698.5		3 1744.5		18 1790.5		3 1836.5
	17 1699.5		4 1745.5		19 1791.5		4 1837.5
	18 1700.5		5 1746.5		20 1792.5		5 1838.5
	19 1701.5		6 1747.5		21 1793.5		6 1839.5
	20 1702.5		7 1748.5		22 1794.5		7 1840.5
	21 1703.5		8 1749.5		23 1795.5		8 1841.5
	22 1704.5		9 1750.5		24 1796.5		9 1842.5
	23 1705.5		10 1751.5		25 1797.5		10 1843.5
	24 1706.5		11 1752.5		26 1798.5		11 1844.5
	25 1707.5		12 1753.5		27 1799.5		12 1845.5
	26 1708.5		13 1754.5		28 1800.5		13 1846.5
	27 1709.5		14 1755.5		29 1801.5		14 1847.5
	28 1710.5		15 1756.5		30 1802.5		15 1848.5
	29 1711.5		16 1757.5	May	1 1803.5		16 1849.5
	30 1712.5		17 1758.5		2 1804.5		17 1850.5
	31 1713.5		18 1759.5		3 1805.5		18 1851.5
Feb.	1 1714.5		19 1760.5		4 1806.5		19 1852.5
	2 1715.5		20 1761.5		5 1807.5		20 1853.5
	3 1716.5		21 1762.5		6 1808.5		21 1854.5
	4 1717.5		22 1763.5		7 1809.5		22 1855.5
	5 1718.5		23 1764.5		8 1810.5		23 1856.5
	6 1719.5		24 1765.5		9 1811.5		24 1857.5
	7 1720.5		25 1766.5		10 1812.5		25 1858.5
	8 1721.5		26 1767.5		11 1813.5		26 1859.5
	9 1722.5		27 1768.5		12 1814.5		27 1860.5
	10 1723.5		28 1769.5		13 1815.5		28 1861.5
	11 1724.5		29 1770.5		14 1816.5		29 1862.5
	12 1725.5		30 1771.5		15 1817.5		30 1863.5
	13 1726.5		31 1772.5		16 1818.5	July	1 1864.5
	14 1727.5	Apr.	1 1773.5		17 1819.5		2 1865.5

## JULIAN DAYS, 1973

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>244</b>		<b>244</b>		<b>244</b>		<b>244</b>
July	1 <b>1864.5</b>	Aug.	16 <b>1910.5</b>	Oct.	1 <b>1956.5</b>	Nov.	16 <b>2002.5</b>
	2 <b>1865.5</b>		17 <b>1911.5</b>		2 <b>1957.5</b>		17 <b>2003.5</b>
	3 <b>1866.5</b>		18 <b>1912.5</b>		3 <b>1958.5</b>		18 <b>2004.5</b>
	4 <b>1867.5</b>		19 <b>1913.5</b>		4 <b>1959.5</b>		19 <b>2005.5</b>
	5 <b>1868.5</b>		20 <b>1914.5</b>		5 <b>1960.5</b>		20 <b>2006.5</b>
	6 <b>1869.5</b>		21 <b>1915.5</b>		6 <b>1961.5</b>		21 <b>2007.5</b>
	7 <b>1870.5</b>		22 <b>1916.5</b>		7 <b>1962.5</b>		22 <b>2008.5</b>
	8 <b>1871.5</b>		23 <b>1917.5</b>		8 <b>1963.5</b>		23 <b>2009.5</b>
	9 <b>1872.5</b>		24 <b>1918.5</b>		9 <b>1964.5</b>		24 <b>2010.5</b>
	10 <b>1873.5</b>		25 <b>1919.5</b>		10 <b>1965.5</b>		25 <b>2011.5</b>
	11 <b>1874.5</b>		26 <b>1920.5</b>		11 <b>1966.5</b>		26 <b>2012.5</b>
	12 <b>1875.5</b>		27 <b>1921.5</b>		12 <b>1967.5</b>		27 <b>2013.5</b>
	13 <b>1876.5</b>		28 <b>1922.5</b>		13 <b>1968.5</b>		28 <b>2014.5</b>
	14 <b>1877.5</b>		29 <b>1923.5</b>		14 <b>1969.5</b>		29 <b>2015.5</b>
	15 <b>1878.5</b>		30 <b>1924.5</b>		15 <b>1970.5</b>		30 <b>2016.5</b>
	16 <b>1879.5</b>		31 <b>1925.5</b>		16 <b>1971.5</b>	Dec.	1 <b>2017.5</b>
	17 <b>1880.5</b>	Sept.	1 <b>1926.5</b>		17 <b>1972.5</b>		2 <b>2018.5</b>
	18 <b>1881.5</b>		2 <b>1927.5</b>		18 <b>1973.5</b>		3 <b>2019.5</b>
	19 <b>1882.5</b>		3 <b>1928.5</b>		19 <b>1974.5</b>		4 <b>2020.5</b>
	20 <b>1883.5</b>		4 <b>1929.5</b>		20 <b>1975.5</b>		5 <b>2021.5</b>
	21 <b>1884.5</b>		5 <b>1930.5</b>		21 <b>1976.5</b>		6 <b>2022.5</b>
	22 <b>1885.5</b>		6 <b>1931.5</b>		22 <b>1977.5</b>		7 <b>2023.5</b>
	23 <b>1886.5</b>		7 <b>1932.5</b>		23 <b>1978.5</b>		8 <b>2024.5</b>
	24 <b>1887.5</b>		8 <b>1933.5</b>		24 <b>1979.5</b>		9 <b>2025.5</b>
	25 <b>1888.5</b>		9 <b>1934.5</b>		25 <b>1980.5</b>		10 <b>2026.5</b>
	26 <b>1889.5</b>		10 <b>1935.5</b>		26 <b>1981.5</b>		11 <b>2027.5</b>
	27 <b>1890.5</b>		11 <b>1936.5</b>		27 <b>1982.5</b>		12 <b>2028.5</b>
	28 <b>1891.5</b>		12 <b>1937.5</b>		28 <b>1983.5</b>		13 <b>2029.5</b>
	29 <b>1892.5</b>		13 <b>1938.5</b>		29 <b>1984.5</b>		14 <b>2030.5</b>
	30 <b>1893.5</b>		14 <b>1939.5</b>		30 <b>1985.5</b>		15 <b>2031.5</b>
	31 <b>1894.5</b>		15 <b>1940.5</b>		31 <b>1986.5</b>		16 <b>2032.5</b>
Aug.	1 <b>1895.5</b>		16 <b>1941.5</b>	Nov.	1 <b>1987.5</b>		17 <b>2033.5</b>
	2 <b>1896.5</b>		17 <b>1942.5</b>		2 <b>1988.5</b>		18 <b>2034.5</b>
	3 <b>1897.5</b>		18 <b>1943.5</b>		3 <b>1989.5</b>		19 <b>2035.5</b>
	4 <b>1898.5</b>		19 <b>1944.5</b>		4 <b>1990.5</b>		20 <b>2036.5</b>
	5 <b>1899.5</b>		20 <b>1945.5</b>		5 <b>1991.5</b>		21 <b>2037.5</b>
	6 <b>1900.5</b>		21 <b>1946.5</b>		6 <b>1992.5</b>		22 <b>2038.5</b>
	7 <b>1901.5</b>		22 <b>1947.5</b>		7 <b>1993.5</b>		23 <b>2039.5</b>
	8 <b>1902.5</b>		23 <b>1948.5</b>		8 <b>1994.5</b>		24 <b>2040.5</b>
	9 <b>1903.5</b>		24 <b>1949.5</b>		9 <b>1995.5</b>		25 <b>2041.5</b>
	10 <b>1904.5</b>		25 <b>1950.5</b>		10 <b>1996.5</b>		26 <b>2042.5</b>
	11 <b>1905.5</b>		26 <b>1951.5</b>		11 <b>1997.5</b>		27 <b>2043.5</b>
	12 <b>1906.5</b>		27 <b>1952.5</b>		12 <b>1998.5</b>		28 <b>2044.5</b>
	13 <b>1907.5</b>		28 <b>1953.5</b>		13 <b>1999.5</b>		29 <b>2045.5</b>
	14 <b>1908.5</b>		29 <b>1954.5</b>		14 <b>2000.5</b>		30 <b>2046.5</b>
	15 <b>1909.5</b>		30 <b>1955.5</b>		15 <b>2001.5</b>		31 <b>2047.5</b>

## JULIAN DAYS, 1974

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>244</b>		<b>244</b>		<b>244</b>		<b>244</b>
Jan.	0 2047.5	Feb.	15 2093.5	Apr.	2 2139.5	May	18 2185.5
	1 2048.5		16 2094.5		3 2140.5		19 2186.5
	2 2049.5		17 2095.5		4 2141.5		20 2187.5
	3 2050.5		18 2096.5		5 2142.5		21 2188.5
	4 2051.5		19 2097.5		6 2143.5		22 2189.5
	5 2052.5		20 2098.5		7 2144.5		23 2190.5
	6 2053.5		21 2099.5		8 2145.5		24 2191.5
	7 2054.5		22 2100.5		9 2146.5		25 2192.5
	8 2055.5		23 2101.5		10 2147.5		26 2193.5
	9 2056.5		24 2102.5		11 2148.5		27 2194.5
	10 2057.5		25 2103.5		12 2149.5		28 2195.5
	11 2058.5		26 2104.5		13 2150.5		29 2196.5
	12 2059.5		27 2105.5		14 2151.5		30 2197.5
	13 2060.5		28 2106.5		15 2152.5		31 2198.5
	14 2061.5	Mar.	1 2107.5		16 2153.5	June	1 2199.5
	15 2062.5		2 2108.5		17 2154.5		2 2200.5
	16 2063.5		3 2109.5		18 2155.5		3 2201.5
	17 2064.5		4 2110.5		19 2156.5		4 2202.5
	18 2065.5		5 2111.5		20 2157.5		5 2203.5
	19 2066.5		6 2112.5		21 2158.5		6 2204.5
	20 2067.5		7 2113.5		22 2159.5		7 2205.5
	21 2068.5		8 2114.5		23 2160.5		8 2206.5
	22 2069.5		9 2115.5		24 2161.5		9 2207.5
	23 2070.5		10 2116.5		25 2162.5		10 2208.5
	24 2071.5		11 2117.5		26 2163.5		11 2209.5
	25 2072.5		12 2118.5		27 2164.5		12 2210.5
	26 2073.5		13 2119.5		28 2165.5		13 2211.5
	27 2074.5		14 2120.5		29 2166.5		14 2212.5
	28 2075.5		15 2121.5		30 2167.5		15 2213.5
	29 2076.5		16 2122.5	May	1 2168.5		16 2214.5
	30 2077.5		17 2123.5		2 2169.5		17 2215.5
	31 2078.5		18 2124.5		3 2170.5		18 2216.5
Feb.	1 2079.5		19 2125.5		4 2171.5		19 2217.5
	2 2080.5		20 2126.5		5 2172.5		20 2218.5
	3 2081.5		21 2127.5		6 2173.5		21 2219.5
	4 2082.5		22 2128.5		7 2174.5		22 2220.5
	5 2083.5		23 2129.5		8 2175.5		23 2221.5
	6 2084.5		24 2130.5		9 2176.5		24 2222.5
	7 2085.5		25 2131.5		10 2177.5		25 2223.5
	8 2086.5		26 2132.5		11 2178.5		26 2224.5
	9 2087.5		27 2133.5		12 2179.5		27 2225.5
	10 2088.5		28 2134.5		13 2180.5		28 2226.5
	11 2089.5		29 2135.5		14 2181.5		29 2227.5
	12 2090.5		30 2136.5		15 2182.5		30 2228.5
	13 2091.5		31 2137.5		16 2183.5	July	1 2229.5
	14 2092.5	Apr.	1 2138.5		17 2184.5		2 2230.5

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Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>244</b>		<b>244</b>		<b>244</b>		<b>244</b>
July	1 2229.5	Aug.	16 2275.5	Oct.	1 2321.5	Nov.	16 2367.5
	2 2230.5		17 2276.5		2 2322.5		17 2368.5
	3 2231.5		18 2277.5		3 2323.5		18 2369.5
	4 2232.5		19 2278.5		4 2324.5		19 2370.5
	5 2233.5		20 2279.5		5 2325.5		20 2371.5
	6 2234.5		21 2280.5		6 2326.5		21 2372.5
	7 2235.5		22 2281.5		7 2327.5		22 2373.5
	8 2236.5		23 2282.5		8 2328.5		23 2374.5
	9 2237.5		24 2283.5		9 2329.5		24 2375.5
	10 2238.5		25 2284.5		10 2330.5		25 2376.5
	11 2239.5		26 2285.5		11 2331.5		26 2377.5
	12 2240.5		27 2286.5		12 2332.5		27 2378.5
	13 2241.5		28 2287.5		13 2333.5		28 2379.5
	14 2242.5		29 2288.5		14 2334.5		29 2380.5
	15 2243.5		30 2289.5		15 2335.5		30 2381.5
	16 2244.5		31 2290.5		16 2336.5	Dec.	1 2382.5
	17 2245.5	Sept.	1 2291.5		17 2337.5		2 2383.5
	18 2246.5		2 2292.5		18 2338.5		3 2384.5
	19 2247.5		3 2293.5		19 2339.5		4 2385.5
	20 2248.5		4 2294.5		20 2340.5		5 2386.5
	21 2249.5		5 2295.5		21 2341.5		6 2387.5
	22 2250.5		6 2296.5		22 2342.5		7 2388.5
	23 2251.5		7 2297.5		23 2343.5		8 2389.5
	24 2252.5		8 2298.5		24 2344.5		9 2390.5
	25 2253.5		9 2299.5		25 2345.5		10 2391.5
	26 2254.5		10 2300.5		26 2346.5		11 2392.5
	27 2255.5		11 2301.5		27 2347.5		12 2393.5
	28 2256.5		12 2302.5		28 2348.5		13 2394.5
	29 2257.5		13 2303.5		29 2349.5		14 2395.5
	30 2258.5		14 2304.5		30 2350.5		15 2396.5
	31 2259.5		15 2305.5		31 2351.5		16 2397.5
Aug.	1 2260.5		16 2306.5	Nov.	1 2352.5		17 2398.5
	2 2261.5		17 2307.5		2 2353.5		18 2399.5
	3 2262.5		18 2308.5		3 2354.5		19 2400.5
	4 2263.5		19 2309.5		4 2355.5		20 2401.5
	5 2264.5		20 2310.5		5 2356.5		21 2402.5
	6 2265.5		21 2311.5		6 2357.5		22 2403.5
	7 2266.5		22 2312.5		7 2358.5		23 2404.5
	8 2267.5		23 2313.5		8 2359.5		24 2405.5
	9 2268.5		24 2314.5		9 2360.5		25 2406.5
	10 2269.5		25 2315.5		10 2361.5		26 2407.5
	11 2270.5		26 2316.5		11 2362.5		27 2408.5
	12 2271.5		27 2317.5		12 2363.5		28 2409.5
	13 2272.5		28 2318.5		13 2364.5		29 2410.5
	14 2273.5		29 2319.5		14 2365.5		30 2411.5
	15 2274.5		30 2320.5		15 2366.5		31 2412.5

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Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>244</b>		<b>244</b>		<b>244</b>		<b>244</b>
Jan.	0 2412.5	Feb.	15 2458.5	Apr.	2 2504.5	May	18 2550.5
	1 2413.5		16 2459.5		3 2505.5		19 2551.5
	2 2414.5		17 2460.5		4 2506.5		20 2552.5
	3 2415.5		18 2461.5		5 2507.5		21 2553.5
	4 2416.5		19 2462.5		6 2508.5		22 2554.5
	5 2417.5		20 2463.5		7 2509.5		23 2555.5
	6 2418.5		21 2464.5		8 2510.5		24 2556.5
	7 2419.5		22 2465.5		9 2511.5		25 2557.5
	8 2420.5		23 2466.5		10 2512.5		26 2558.5
	9 2421.5		24 2467.5		11 2513.5		27 2559.5
	10 2422.5		25 2468.5		12 2514.5		28 2560.5
	11 2423.5		26 2469.5		13 2515.5		29 2561.5
	12 2424.5		27 2470.5		14 2516.5		30 2562.5
	13 2425.5		28 2471.5		15 2517.5		31 2563.5
	14 2426.5	Mar.	1 2472.5		16 2518.5	June	1 2564.5
	15 2427.5		2 2473.5		17 2519.5		2 2565.5
	16 2428.5		3 2474.5		18 2520.5		3 2566.5
	17 2429.5		4 2475.5		19 2521.5		4 2567.5
	18 2430.5		5 2476.5		20 2522.5		5 2568.5
	19 2431.5		6 2477.5		21 2523.5		6 2569.5
	20 2432.5		7 2478.5		22 2524.5		7 2570.5
	21 2433.5		8 2479.5		23 2525.5		8 2571.5
	22 2434.5		9 2480.5		24 2526.5		9 2572.5
	23 2435.5		10 2481.5		25 2527.5		10 2573.5
	24 2436.5		11 2482.5		26 2528.5		11 2574.5
	25 2437.5		12 2483.5		27 2529.5		12 2575.5
	26 2438.5		13 2484.5		28 2530.5		13 2576.5
	27 2439.5		14 2485.5		29 2531.5		14 2577.5
	28 2440.5		15 2486.5		30 2532.5		15 2578.5
	29 2441.5		16 2487.5	May	1 2533.5		16 2579.5
	30 2442.5		17 2488.5		2 2534.5		17 2580.5
	31 2443.5		18 2489.5		3 2535.5		18 2581.5
Feb.	1 2444.5		19 2490.5		4 2536.5		19 2582.5
	2 2445.5		20 2491.5		5 2537.5		20 2583.5
	3 2446.5		21 2492.5		6 2538.5		21 2584.5
	4 2447.5		22 2493.5		7 2539.5		22 2585.5
	5 2448.5		23 2494.5		8 2540.5		23 2586.5
	6 2449.5		24 2495.5		9 2541.5		24 2587.5
	7 2450.5		25 2496.5		10 2542.5		25 2588.5
	8 2451.5		26 2497.5		11 2543.5		26 2589.5
	9 2452.5		27 2498.5		12 2544.5		27 2590.5
	10 2453.5		28 2499.5		13 2545.5		28 2591.5
	11 2454.5		29 2500.5		14 2546.5		29 2592.5
	12 2455.5		30 2501.5		15 2547.5		30 2593.5
	13 2456.5		31 2502.5		16 2548.5	July	1 2594.5
	14 2457.5	Apr.	1 2503.5		17 2549.5		2 2595.5



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Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>244</b>		<b>244</b>		<b>244</b>		<b>244</b>
July	1 2594.5	Aug.	16 2640.5	Oct.	1 2686.5	Nov.	16 2732.5
	2 2595.5		17 2641.5		2 2687.5		17 2733.5
	3 2596.5		18 2642.5		3 2688.5		18 2734.5
	4 2597.5		19 2643.5		4 2689.5		19 2735.5
	5 2598.5		20 2644.5		5 2690.5		20 2736.5
	6 2599.5		21 2645.5		6 2691.5		21 2737.5
	7 2600.5		22 2646.5		7 2692.5		22 2738.5
	8 2601.5		23 2647.5		8 2693.5		23 2739.5
	9 2602.5		24 2648.5		9 2694.5		24 2740.5
	10 2603.5		25 2649.5		10 2695.5		25 2741.5
	11 2604.5		26 2650.5		11 2696.5		26 2742.5
	12 2605.5		27 2651.5		12 2697.5		27 2743.5
	13 2606.5		28 2652.5		13 2698.5		28 2744.5
	14 2607.5		29 2653.5		14 2699.5		29 2745.5
	15 2608.5		30 2654.5		15 2700.5		30 2746.5
	16 2609.5		31 2655.5		16 2701.5	Dec.	1 2747.5
	17 2610.5	Sept.	1 2656.5		17 2702.5		2 2748.5
	18 2611.5		2 2657.5		18 2703.5		3 2749.5
	19 2612.5		3 2658.5		19 2704.5		4 2750.5
	20 2613.5		4 2659.5		20 2705.5		5 2751.5
	21 2614.5		5 2660.5		21 2706.5		6 2752.5
	22 2615.5		6 2661.5		22 2707.5		7 2753.5
	23 2616.5		7 2662.5		23 2708.5		8 2754.5
	24 2617.5		8 2663.5		24 2709.5		9 2755.5
	25 2618.5		9 2664.5		25 2710.5		10 2756.5
	26 2619.5		10 2665.5		26 2711.5		11 2757.5
	27 2620.5		11 2666.5		27 2712.5		12 2758.5
	28 2621.5		12 2667.5		28 2713.5		13 2759.5
	29 2622.5		13 2668.5		29 2714.5		14 2760.5
	30 2623.5		14 2669.5		30 2715.5		15 2761.5
	31 2624.5		15 2670.5		31 2716.5		16 2762.5
Aug.	1 2625.5		16 2671.5	Nov.	1 2717.5		17 2763.5
	2 2626.5		17 2672.5		2 2718.5		18 2764.5
	3 2627.5		18 2673.5		3 2719.5		19 2765.5
	4 2628.5		19 2674.5		4 2720.5		20 2766.5
	5 2629.5		20 2675.5		5 2721.5		21 2767.5
	6 2630.5		21 2676.5		6 2722.5		22 2768.5
	7 2631.5		22 2677.5		7 2723.5		23 2769.5
	8 2632.5		23 2678.5		8 2724.5		24 2770.5
	9 2633.5		24 2679.5		9 2725.5		25 2771.5
	10 2634.5		25 2680.5		10 2726.5		26 2772.5
	11 2635.5		26 2681.5		11 2727.5		27 2773.5
	12 2636.5		27 2682.5		12 2728.5		28 2774.5
	13 2637.5		28 2683.5		13 2729.5		29 2775.5
	14 2638.5		29 2684.5		14 2730.5		30 2776.5
	15 2639.5		30 2685.5		15 2731.5		31 2777.5

## JULIAN DAYS, 1976

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>244</b>		<b>244</b>		<b>244</b>		<b>244</b>
Jan.	0 2777.5	Feb.	15 2823.5	Apr.	1 2869.5	May	17 2915.5
	1 2778.5		16 2824.5		2 2870.5		18 2916.5
	2 2779.5		17 2825.5		3 2871.5		10 2917.5
	3 2780.5		18 2826.5		4 2872.5		20 2918.5
	4 2781.5		19 2827.5		5 2873.5		21 2919.5
	5 2782.5		20 2828.5		6 2874.5		22 2920.5
	6 2783.5		21 2829.5		7 2875.5		23 2921.5
	7 2784.5		22 2830.5		8 2876.5		24 2922.5
	8 2785.5		23 2831.5		9 2877.5		25 2923.5
	9 2786.5		24 2832.5		10 2878.5		26 2924.5
	10 2787.5		25 2833.5		11 2879.5		27 2925.5
	11 2788.5		26 2834.5		12 2880.5		28 2926.5
	12 2789.5		27 2835.5		13 2881.5		29 2927.5
	13 2790.5		28 2836.5		14 2882.5		30 2928.5
	14 2791.5		29 2837.5		15 2883.5		31 2929.5
	15 2792.5	Mar.	1 2838.5		16 2884.5	June	1 2930.5
	16 2793.5		2 2839.5		17 2885.5		2 2931.5
	17 2794.5		3 2840.5		18 2886.5		3 2932.5
	18 2795.5		4 2841.5		19 2887.5		4 2933.5
	19 2796.5		5 2842.5		20 2888.5		5 2934.5
	20 2797.5		6 2843.5		21 2889.5		6 2935.5
	21 2798.5		7 2844.5		22 2890.5		7 2936.5
	22 2799.5		8 2845.5		23 2891.5		8 2937.5
	23 2800.5		9 2846.5		24 2892.5		9 2938.5
	24 2801.5		10 2847.5		25 2893.5		10 2939.5
	25 2802.5		11 2848.5		26 2894.5		11 2940.5
	26 2803.5		12 2849.5		27 2895.5		12 2941.5
	27 2804.5		13 2850.5		28 2896.5		13 2942.5
	28 2805.5		14 2851.5		29 2897.5		14 2943.5
	29 2806.5		15 2852.5		30 2898.5		15 2944.5
	30 2807.5		16 2853.5	May	1 2899.5		16 2945.5
	31 2808.5		17 2854.5		2 2900.5		17 2946.5
Feb.	1 2809.5		18 2855.5		3 2901.5		18 2947.5
	2 2810.5		19 2856.5		4 2902.5		19 2948.5
	3 2811.5		20 2857.5		5 2903.5		20 2949.5
	4 2812.5		21 2858.5		6 2904.5		21 2950.5
	5 2813.5		22 2859.5		7 2905.5		22 2951.5
	6 2814.5		23 2860.5		8 2906.5		23 2952.5
	7 2815.5		24 2861.5		9 2907.5		24 2953.5
	8 2816.5		25 2862.5		10 2908.5		25 2954.5
	9 2817.5		26 2863.5		11 2909.5		26 2955.5
	10 2818.5		27 2864.5		12 2910.5		27 2956.5
	11 2819.5		28 2865.5		13 2911.5		28 2957.5
	12 2820.5		29 2866.5		14 2912.5		29 2958.5
	13 2821.5		30 2867.5		15 2913.5		30 2959.5
	14 2822.5		31 2868.5		16 2914.5	July	1 2960.5

## JULIAN DAYS, 1976

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>244</b>		<b>244</b>		<b>244</b>		<b>244</b>
July	1 2960.5	Aug.	16 3006.5	Oct.	1 3052.5	Nov.	16 3098.5
	2 2961.5		17 3007.5		2 3053.5		17 3099.5
	3 2962.5		18 3008.5		3 3054.5		18 3100.5
	4 2963.5		19 3009.5		4 3055.5		19 3101.5
	5 2964.5		20 3010.5		5 3056.5		20 3102.5
	6 2965.5		21 3011.5		6 3057.5		21 3103.5
	7 2966.5		22 3012.5		7 3058.5		22 3104.5
	8 2967.5		23 3013.5		8 3059.5		23 3105.5
	9 2968.5		24 3014.5		9 3060.5		24 3106.5
	10 2969.5		25 3015.5		10 3061.5		25 3107.5
	11 2970.5		26 3016.5		11 3062.5		26 3108.5
	12 2971.5		27 3017.5		12 3063.5		27 3109.5
	13 2972.5		28 3018.5		13 3064.5		28 3110.5
	14 2973.5		29 3019.5		14 3065.5		29 3111.5
	15 2974.5		30 3020.5		15 3066.5		30 3112.5
	16 2975.5		31 3021.5		16 3067.5	Dec.	1 3113.5
	17 2976.5	Sept.	1 3022.5		17 3068.5		2 3114.5
	18 2977.5		2 3023.5		18 3069.5		3 3115.5
	19 2978.5		3 3024.5		19 3070.5		4 3116.5
	20 2979.5		4 3025.5		20 3071.5		5 3117.5
	21 2980.5		5 3026.5		21 3072.5		6 3118.5
	22 2981.5		6 3027.5		22 3073.5		7 3119.5
	23 2982.5		7 3028.5		23 3074.5		8 3120.5
	24 2983.5		8 3029.5		24 3075.5		9 3121.5
	25 2984.5		9 3030.5		25 3076.5		10 3122.5
	26 2985.5		10 3031.5		26 3077.5		11 3123.5
	27 2986.5		11 3032.5		27 3078.5		12 3124.5
	28 2987.5		12 3033.5		28 3079.5		13 3125.5
	29 2988.5		13 3034.5		29 3080.5		14 3126.5
	30 2989.5		14 3035.5		30 3081.5		15 3127.5
	31 2990.5		15 3036.5		31 3082.5		16 3128.5
Aug.	1 2991.5		16 3037.5	Nov.	1 3083.5		17 3129.5
	2 2992.5		17 3038.5		2 3084.5		18 3130.5
	3 2993.5		18 3039.5		3 3085.5		19 3131.5
	4 2994.5		19 3040.5		4 3086.5		20 3132.5
	5 2995.5		20 3041.5		5 3087.5		21 3133.5
	6 2996.5		21 3042.5		6 3088.5		22 3134.5
	7 2997.5		22 3043.5		7 3089.5		23 3135.5
	8 2998.5		23 3044.5		8 3090.5		24 3136.5
	9 2999.5		24 3045.5		9 3091.5		25 3137.5
	10 3000.5		25 3046.5		10 3092.5		26 3138.5
	11 3001.5		26 3047.5		11 3093.5		27 3139.5
	12 3002.5		27 3048.5		12 3094.5		28 3140.5
	13 3003.5		28 3049.5		13 3095.5		29 3141.5
	14 3004.5		29 3050.5		14 3096.5		30 3142.5
	15 3005.5		30 3051.5		15 3097.5		31 3143.5

## JULIAN DAYS, 1977

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>244</b>		<b>244</b>		<b>244</b>		<b>244</b>
Jan.	0 3143.5	Feb.	15 3189.5	Apr.	2 3235.5	May	18 3281.5
	1 3144.5		16 3190.5		3 3236.5		19 3282.5
	2 3145.5		17 3191.5		4 3237.5		20 3283.5
	3 3146.5		18 3192.5		5 3238.5		21 3284.5
	4 3147.5		19 3193.5		6 3239.5		22 3285.5
	5 3148.5		20 3194.5		7 3240.5		23 3286.5
	6 3149.5		21 3195.5		8 3241.5		24 3287.5
	7 3150.5		22 3196.5		9 3242.5		25 3288.5
	8 3151.5		23 3197.5		10 3243.5		26 3289.5
	9 3152.5		24 3198.5		11 3244.5		27 3290.5
	10 3153.5		25 3199.5		12 3245.5		28 3291.5
	11 3154.5		26 3200.5		13 3246.5		29 3292.5
	12 3155.5		27 3201.5		14 3247.5		30 3293.5
	13 3156.5		28 3202.5		15 3248.5		31 3294.5
	14 3157.5	Mar.	1 3203.5		16 3249.5	June	1 3295.5
	15 3158.5		2 3204.5		17 3250.5		2 3296.5
	16 3159.5		3 3205.5		18 3251.5		3 3297.5
	17 3160.5		4 3206.5		19 3252.5		4 3298.5
	18 3161.5		5 3207.5		20 3253.5		5 3299.5
	19 3162.5		6 3208.5		21 3254.5		6 3300.5
	20 3163.5		7 3209.5		22 3255.5		7 3301.5
	21 3164.5		8 3210.5		23 3256.5		8 3302.5
	22 3165.5		9 3211.5		24 3257.5		9 3303.5
	23 3166.5		10 3212.5		25 3258.5		10 3304.5
	24 3167.5		11 3213.5		26 3259.5		11 3305.5
	25 3168.5		12 3214.5		27 3260.5		12 3306.5
	26 3169.5		13 3215.5		28 3261.5		13 3307.5
	27 3170.5		14 3216.5		29 3262.5		14 3308.5
	28 3171.5		15 3217.5		30 3263.5		15 3309.5
	29 3172.5		16 3218.5	May	1 3264.5		16 3310.5
	30 3173.5		17 3219.5		2 3265.5		17 3311.5
	31 3174.5		18 3220.5		3 3266.5		18 3312.5
Feb.	1 3175.5		19 3221.5		4 3267.5		19 3313.5
	2 3176.5		20 3222.5		5 3268.5		20 3314.5
	3 3177.5		21 3223.5		6 3269.5		21 3315.5
	4 3178.5		22 3224.5		7 3270.5		22 3316.5
	5 3179.5		23 3225.5		8 3271.5		23 3317.5
	6 3180.5		24 3226.5		9 3272.5		24 3318.5
	7 3181.5		25 3227.5		10 3273.5		25 3319.5
	8 3182.5		26 3228.5		11 3274.5		26 3320.5
	9 3183.5		27 3229.5		12 3275.5		27 3321.5
	10 3184.5		28 3230.5		13 3276.5		28 3322.5
	11 3185.5		29 3231.5		14 3277.5		29 3323.5
	12 3186.5		30 3232.5		15 3278.5		30 3324.5
	13 3187.5		31 3233.5		16 3279.5	July	1 3325.5
	14 3188.5	Apr.	1 3234.5		17 3280.5		2 3326.5

## JULIAN DAYS, 1977

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>244</b>		<b>244</b>		<b>244</b>		<b>244</b>
July	1 3325.5	Aug.	16 3371.5	Oct.	1 3417.5	Nov.	16 3463.5
	2 3326.5		17 3372.5		2 3418.5		17 3464.5
	3 3327.5		18 3373.5		3 3419.5		18 3465.5
	4 3328.5		19 3374.5		4 3420.5		19 3466.5
	5 3329.5		20 3375.5		5 3421.5		20 3467.5
	6 3330.5		21 3376.5		6 3422.5		21 3468.5
	7 3331.5		22 3377.5		7 3423.5		22 3469.5
	8 3332.5		23 3378.5		8 3424.5		23 3470.5
	9 3333.5		24 3379.5		9 3425.5		24 3471.5
	10 3334.5		25 3380.5		10 3426.5		25 3472.5
	11 3335.5		26 3381.5		11 3427.5		26 3473.5
	12 3336.5		27 3382.5		12 3428.5		27 3474.5
	13 3337.5		28 3383.5		13 3429.5		28 3475.5
	14 3338.5		29 3384.5		14 3430.5		29 3476.5
	15 3339.5		30 3385.5		15 3431.5		30 3477.5
	16 3340.5		31 3386.5		16 3432.5	Dec.	1 3478.5
	17 3341.5	Sept.	1 3387.5		17 3433.5		2 3479.5
	18 3342.5		2 3388.5		18 3434.5		3 3480.5
	19 3343.5		3 3389.5		19 3435.5		4 3481.5
	20 3344.5		4 3390.5		20 3436.5		5 3482.5
	21 3345.5		5 3391.5		21 3437.5		6 3483.5
	22 3346.5		6 3392.5		22 3438.5		7 3484.5
	23 3347.5		7 3393.5		23 3439.5		8 3485.5
	24 3348.5		8 3394.5		24 3440.5		9 3486.5
	25 3349.5		9 3395.5		25 3441.5		10 3487.5
	26 3350.5		10 3396.5		26 3442.5		11 3488.5
	27 3351.5		11 3397.5		27 3443.5		12 3489.5
	28 3352.5		12 3398.5		28 3444.5		13 3490.5
	29 3353.5		13 3399.5		29 3445.5		14 3491.5
	30 3354.5		14 3400.5		30 3446.5		15 3492.5
	31 3355.5		15 3401.5		31 3447.5		16 3493.5
Aug.	1 3356.5		16 3402.5	Nov.	1 3448.5		17 3494.5
	2 3357.5		17 3403.5		2 3449.5		18 3495.5
	3 3358.5		18 3404.5		3 3450.5		19 3496.5
	4 3359.5		19 3405.5		4 3451.5		20 3497.5
	5 3360.5		20 3406.5		5 3452.5		21 3498.5
	6 3361.5		21 3407.5		6 3453.5		22 3499.5
	7 3362.5		22 3408.5		7 3454.5		23 3500.5
	8 3363.5		23 3409.5		8 3455.5		24 3501.5
	9 3364.5		24 3410.5		9 3456.5		25 3502.5
	10 3365.5		25 3411.5		10 3457.5		26 3503.5
	11 3366.5		26 3412.5		11 3458.5		27 3504.5
	12 3367.5		27 3413.5		12 3459.5		28 3505.5
	13 3368.5		28 3414.5		13 3460.5		29 3506.5
	14 3369.5		29 3415.5		14 3461.5		30 3507.5
	15 3370.5		30 3416.5		15 3462.5		31 3508.5

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Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>244</b>		<b>244</b>		<b>244</b>		<b>244</b>
Jan.	0 3508.5	Feb.	15 3554.5	Apr.	2 3600.5	May	18 3646.5
	1 3509.5		16 3555.5		3 3601.5		19 3647.5
	2 3510.5		17 3556.5		4 3602.5		20 3648.5
	3 3511.5		18 3557.5		5 3603.5		21 3649.5
	4 3512.5		19 3558.5		6 3604.5		22 3650.5
	5 3513.5		20 3559.5		7 3605.5		23 3651.5
	6 3514.5		21 3560.5		8 3606.5		24 3652.5
	7 3515.5		22 3561.5		9 3607.5		25 3653.5
	8 3516.5		23 3562.5		10 3608.5		26 3654.5
	9 3517.5		24 3563.5		11 3609.5		27 3655.5
	10 3518.5		25 3564.5		12 3610.5		28 3656.5
	11 3519.5		26 3565.5		13 3611.5		29 3657.5
	12 3520.5		27 3566.5		14 3612.5		30 3658.5
	13 3521.5		28 3567.5		15 3613.5		31 3659.5
	14 3522.5	Mar.	1 3568.5		16 3614.5	June	1 3660.5
	15 3523.5		2 3569.5		17 3615.5		2 3661.5
	16 3524.5		3 3570.5		18 3616.5		3 3662.5
	17 3525.5		4 3571.5		19 3617.5		4 3663.5
	18 3526.5		5 3572.5		20 3618.5		5 3664.5
	19 3527.5		6 3573.5		21 3619.5		6 3665.5
	20 3528.5		7 3574.5		22 3620.5		7 3666.5
	21 3529.5		8 3575.5		23 3621.5		8 3667.5
	22 3530.5		9 3576.5		24 3622.5		9 3668.5
	23 3531.5		10 3577.5		25 3623.5		10 3669.5
	24 3532.5		11 3578.5		26 3624.5		11 3670.5
	25 3533.5		12 3579.5		27 3625.5		12 3671.5
	26 3534.5		13 3580.5		28 3626.5		13 3672.5
	27 3535.5		14 3581.5		29 3627.5		14 3673.5
	28 3536.5		15 3582.5		30 3628.5		15 3674.5
	29 3537.5		16 3583.5	May	1 3629.5		16 3675.5
	30 3538.5		17 3584.5		2 3630.5		17 3676.5
	31 3539.5		18 3585.5		3 3631.5		18 3677.5
Feb.	1 3540.5		19 3586.5		4 3632.5		19 3678.5
	2 3541.5		20 3587.5		5 3633.5		20 3679.5
	3 3542.5		21 3588.5		6 3634.5		21 3680.5
	4 3543.5		22 3589.5		7 3635.5		22 3681.5
	5 3544.5		23 3590.5		8 3636.5		23 3682.5
	6 3545.5		24 3591.5		9 3637.5		24 3683.5
	7 3546.5		25 3592.5		10 3638.5		25 3684.5
	8 3547.5		26 3593.5		11 3639.5		26 3685.5
	9 3548.5		27 3594.5		12 3640.5		27 3686.5
	10 3549.5		28 3595.5		13 3641.5		28 3687.5
	11 3550.5		29 3596.5		14 3642.5		29 3688.5
	12 3551.5		30 3597.5		15 3643.5		30 3689.5
	13 3552.5		31 3598.5		16 3644.5	July	1 3690.5
	14 3553.5	Apr.	1 3599.5		17 3645.5		2 3691.5

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Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>244</b>		<b>244</b>		<b>244</b>		<b>244</b>
July	1 3690.5	Aug.	16 3736.5	Oct.	1 3782.5	Nov.	16 3828.5
	2 3691.5		17 3737.5		2 3783.5		17 3829.5
	3 3692.5		18 3738.5		3 3784.5		18 3830.5
	4 3693.5		19 3739.5		4 3785.5		19 3831.5
	5 3694.5		20 3740.5		5 3786.5		20 3832.5
	6 3695.5		21 3741.5		6 3787.5		21 3833.5
	7 3696.5		22 3742.5		7 3788.5		22 3834.5
	8 3697.5		23 3743.5		8 3789.5		23 3835.5
	9 3698.5		24 3744.5		9 3790.5		24 3836.5
	10 3699.5		25 3745.5		10 3791.5		25 3837.5
	11 3700.5		26 3746.5		11 3792.5		26 3838.5
	12 3701.5		27 3747.5		12 3793.5		27 3839.5
	13 3702.5		28 3748.5		13 3794.5		28 3840.5
	14 3703.5		29 3749.5		14 3795.5		29 3841.5
	15 3704.5		30 3750.5		15 3796.5		30 3842.5
	16 3705.5		31 3751.5		16 3797.5	Dec.	1 3843.5
	17 3706.5	Sept.	1 3752.5		17 3798.5		2 3844.5
	18 3707.5		2 3753.5		18 3799.5		3 3845.5
	19 3708.5		3 3754.5		19 3800.5		4 3846.5
	20 3709.5		4 3755.5		20 3801.5		5 3847.5
	21 3710.5		5 3756.5		21 3802.5		6 3848.5
	22 3711.5		6 3757.5		22 3803.5		7 3849.5
	23 3712.5		7 3758.5		23 3804.5		8 3850.5
	24 3713.5		8 3759.5		24 3805.5		9 3851.5
	25 3714.5		9 3760.5		25 3806.5		10 3852.5
	26 3715.5		10 3761.5		26 3807.5		11 3853.5
	27 3716.5		11 3762.5		27 3808.5		12 3854.5
	28 3717.5		12 3763.5		28 3809.5		13 3855.5
	29 3718.5		13 3764.5		29 3810.5		14 3856.5
	30 3719.5		14 3765.5		30 3811.5		15 3857.5
	31 3720.5		15 3766.5		31 3812.5		16 3858.5
Aug.	1 3721.5		16 3767.5	Nov.	1 3813.5		17 3859.5
	2 3722.5		17 3768.5		2 3814.5		18 3860.5
	3 3723.5		18 3769.5		3 3815.5		19 3861.5
	4 3724.5		19 3770.5		4 3816.5		20 3862.5
	5 3725.5		20 3771.5		5 3817.5		21 3863.5
	6 3726.5		21 3772.5		6 3818.5		22 3864.5
	7 3727.5		22 3773.5		7 3819.5		23 3865.5
	8 3728.5		23 3774.5		8 3820.5		24 3866.5
	9 3729.5		24 3775.5		9 3821.5		25 3867.5
	10 3730.5		25 3776.5		10 3822.5		26 3868.5
	11 3731.5		26 3777.5		11 3823.5		27 3869.5
	12 3732.5		27 3778.5		12 3824.5		28 3870.5
	13 3733.5		28 3779.5		13 3825.5		29 3871.5
	14 3734.5		29 3780.5		14 3826.5		30 3872.5
	15 3735.5		30 3781.5		15 3827.5		31 3873.5

## JULIAN DAYS, 1979

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>244</b>		<b>244</b>		<b>244</b>		<b>244</b>
Jan.	0 3873.5	Feb.	15 3919.5	Apr.	2 3965.5	May	18 4011.5
	1 3874.5		16 3920.5		3 3966.5		19 4012.5
	2 3875.5		17 3921.5		4 3967.5		20 4013.5
	3 3876.5		18 3922.5		5 3968.5		21 4014.5
	4 3877.5		19 3923.5		6 3969.5		22 4015.5
	5 3878.5		20 3924.5		7 3970.5		23 4016.5
	6 3879.5		21 3925.5		8 3971.5		24 4017.5
	7 3880.5		22 3926.5		9 3972.5		25 4018.5
	8 3881.5		23 3927.5		10 3973.5		26 4019.5
	9 3882.5		24 3928.5		11 3974.5		27 4020.5
	10 3883.5		25 3929.5		12 3975.5		28 4021.5
	11 3884.5		26 3930.5		13 3976.5		29 4022.5
	12 3885.5		27 3931.5		14 3977.5		30 4023.5
	13 3886.5		28 3932.5		15 3978.5		31 4024.5
	14 3887.5	Mar.	1 3933.5		16 3979.5	June	1 4025.5
	15 3888.5		2 3934.5		17 3980.5		2 4026.5
	16 3889.5		3 3935.5		18 3981.5		3 4027.5
	17 3890.5		4 3936.5		19 3982.5		4 4028.5
	18 3891.5		5 3937.5		20 3983.5		5 4029.5
	19 3892.5		6 3938.5		21 3984.5		6 4030.5
	20 3893.5		7 3939.5		22 3985.5		7 4031.5
	21 3894.5		8 3940.5		23 3986.5		8 4032.5
	22 3895.5		9 3941.5		24 3987.5		9 4033.5
	23 3896.5		10 3942.5		25 3988.5		10 4034.5
	24 3897.5		11 3943.5		26 3989.5		11 4035.5
	25 3898.5		12 3944.5		27 3990.5		12 4036.5
	26 3899.5		13 3945.5		28 3991.5		13 4037.5
	27 3900.5		14 3946.5		29 3992.5		14 4038.5
	28 3901.5		15 3947.5		30 3993.5		15 4039.5
	29 3902.5		16 3948.5	May	1 3994.5		16 4040.5
	30 3903.5		17 3949.5		2 3995.5		17 4041.5
	31 3904.5		18 3950.5		3 3996.5		18 4042.5
Feb.	1 3905.5		19 3951.5		4 3997.5		19 4043.5
	2 3906.5		20 3952.5		5 3998.5		20 4044.5
	3 3907.5		21 3953.5		6 3999.5		21 4045.5
	4 3908.5		22 3954.5		7 4000.5		22 4046.5
	5 3909.5		23 3955.5		8 4001.5		23 4047.5
	6 3910.5		24 3956.5		9 4002.5		24 4048.5
	7 3911.5		25 3957.5		10 4003.5		25 4049.5
	8 3912.5		26 3958.5		11 4004.5		26 4050.5
	9 3913.5		27 3959.5		12 4005.5		27 4051.5
	10 3914.5		28 3960.5		13 4006.5		28 4052.5
	11 3915.5		29 3961.5		14 4007.5		29 4053.5
	12 3916.5		30 3962.5		15 4008.5		30 4054.5
	13 3917.5		31 3963.5		16 4009.5	July	1 4055.5
	14 3918.5	Apr.	1 3964.5		17 4010.5		2 4056.5



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	<b>244</b>		<b>244</b>		<b>244</b>		<b>244</b>
July	1 4055.5	Aug.	16 4101.5	Oct.	1 4147.5	Nov.	16 4193.5
	2 4056.5		17 4102.5		2 4148.5		17 4194.5
	3 4057.5		18 4103.5		3 4149.5		18 4195.5
	4 4058.5		19 4104.5		4 4150.5		19 4196.5
	5 4059.5		20 4105.5		5 4151.5		20 4197.5
	6 4060.5		21 4106.5		6 4152.5		21 4198.5
	7 4061.5		22 4107.5		7 4153.5		22 4199.5
	8 4062.5		23 4108.5		8 4154.5		23 4200.5
	9 4063.5		24 4109.5		9 4155.5		24 4201.5
	10 4064.5		25 4110.5		10 4156.5		25 4202.5
	11 4065.5		26 4111.5		11 4157.5		26 4203.5
	12 4066.5		27 4112.5		12 4158.5		27 4204.5
	13 4067.5		28 4113.5		13 4159.5		28 4205.5
	14 4068.5		29 4114.5		14 4160.5		29 4206.5
	15 4069.5		30 4115.5		15 4161.5		30 4207.5
	16 4070.5		31 4116.5		16 4162.5	Dec.	1 4208.5
	17 4071.5	Sept.	1 4117.5		17 4163.5		2 4209.5
	18 4072.5		2 4118.5		18 4164.5		3 4210.5
	19 4073.5		3 4119.5		19 4165.5		4 4211.5
	20 4074.5		4 4120.5		20 4166.5		5 4212.5
	21 4075.5		5 4121.5		21 4167.5		6 4213.5
	22 4076.5		6 4122.5		22 4168.5		7 4214.5
	23 4077.5		7 4123.5		23 4169.5		8 4215.5
	24 4078.5		8 4124.5		24 4170.5		9 4216.5
	25 4079.5		9 4125.5		25 4171.5		10 4217.5
	26 4080.5		10 4126.5		26 4172.5		11 4218.5
	27 4081.5		11 4127.5		27 4173.5		12 4219.5
	28 4082.5		12 4128.5		28 4174.5		13 4220.5
	29 4083.5		13 4129.5		29 4175.5		14 4221.5
	30 4084.5		14 4130.5		30 4176.5		15 4222.5
	31 4085.5		15 4131.5		31 4177.5		16 4223.5
Aug.	1 4086.5		16 4132.5	Nov.	1 4178.5		17 4224.5
	2 4087.5		17 4133.5		2 4179.5		18 4225.5
	3 4088.5		18 4134.5		3 4180.5		19 4226.5
	4 4089.5		19 4135.5		4 4181.5		20 4227.5
	5 4090.5		20 4136.5		5 4182.5		21 4228.5
	6 4091.5		21 4137.5		6 4183.5		22 4229.5
	7 4092.5		22 4138.5		7 4184.5		23 4230.5
	8 4093.5		23 4139.5		8 4185.5		24 4231.5
	9 4094.5		24 4140.5		9 4186.5		25 4232.5
	10 4095.5		25 4141.5		10 4187.5		26 4233.5
	11 4096.5		26 4142.5		11 4188.5		27 4234.5
	12 4097.5		27 4143.5		12 4189.5		28 4235.5
	13 4098.5		28 4144.5		13 4190.5		29 4236.5
	14 4099.5		29 4145.5		14 4191.5		30 4237.5
	15 4100.5		30 4146.5		15 4192.5		31 4238.5

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	<b>244</b>		<b>244</b>		<b>244</b>		<b>244</b>
Jan.	0 4238.5	Feb.	15 4284.5	Apr.	1 4330.5	May	17 4376.5
	1 4239.5		16 4285.5		2 4331.5		18 4377.5
	2 4240.5		17 4286.5		3 4332.5		10 4378.5
	3 4241.5		18 4287.5		4 4333.5		20 4379.5
	4 4242.5		19 4288.5		5 4334.5		21 4380.5
	5 4243.5		20 4289.5		6 4335.5		22 4381.5
	6 4244.5		21 4290.5		7 4336.5		23 4382.5
	7 4245.5		22 4291.5		8 4337.5		24 4383.5
	8 4246.5		23 4292.5		9 4338.5		25 4384.5
	9 4247.5		24 4293.5		10 4339.5		26 4385.5
	10 4248.5		25 4294.5		11 4340.5		27 4386.5
	11 4249.5		26 4295.5		12 4341.5		28 4387.5
	12 4250.5		27 4296.5		13 4342.5		29 4388.5
	13 4251.5		28 4297.5		14 4343.5		30 4389.5
	14 4252.5		29 4298.5		15 4344.5		31 4390.5
	15 4253.5	Mar.	1 4299.5		16 4345.5	June	1 4391.5
	16 4254.5		2 4300.5		17 4346.5		2 4392.5
	17 4255.5		3 4301.5		18 4347.5		3 4393.5
	18 4256.5		4 4302.5		19 4348.5		4 4394.5
	19 4257.5		5 4303.5		20 4349.5		5 4395.5
	20 4258.5		6 4304.5		21 4350.5		6 4396.5
	21 4259.5		7 4305.5		22 4351.5		7 4397.5
	22 4260.5		8 4306.5		23 4352.5		8 4398.5
	23 4261.5		9 4307.5		24 4353.5		9 4399.5
	24 4262.5		10 4308.5		25 4354.5		10 4400.5
	25 4263.5		11 4309.5		26 4355.5		11 4401.5
	26 4264.5		12 4310.5		27 4356.5		12 4402.5
	27 4265.5		13 4311.5		28 4357.5		13 4403.5
	28 4266.5		14 4312.5		29 4358.5		14 4404.5
	29 4267.5		15 4313.5		30 4359.5		15 4405.5
	30 4268.5		16 4314.5	May	1 4360.5		16 4406.5
	31 4269.5		17 4315.5		2 4361.5		17 4407.5
Feb.	1 4270.5		18 4316.5		3 4362.5		18 4408.5
	2 4271.5		19 4317.5		4 4363.5		19 4409.5
	3 4272.5		20 4318.5		5 4364.5		20 4410.5
	4 4273.5		21 4319.5		6 4365.5		21 4411.5
	5 4274.5		22 4320.5		7 4366.5		22 4412.5
	6 4275.5		23 4321.5		8 4367.5		23 4413.5
	7 4276.5		24 4322.5		9 4368.5		24 4414.5
	8 4277.5		25 4323.5		10 4369.5		25 4415.5
	9 4278.5		26 4324.5		11 4370.5		26 4416.5
	10 4279.5		27 4325.5		12 4371.5		27 4417.5
	11 4280.5		28 4326.5		13 4372.5		28 4418.5
	12 4281.5		29 4327.5		14 4373.5		29 4419.5
	13 4282.5		30 4328.5		15 4374.5		30 4420.5
	14 4283.5		31 4329.5		16 4375.5	July	1 4421.5

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	<b>244</b>		<b>244</b>		<b>244</b>		<b>244</b>
July	1 4421.5	Aug.	16 4467.5	Oct.	1 4513.5	Nov.	16 4559.5
	2 4422.5		17 4468.5		2 4514.5		17 4560.5
	3 4423.5		18 4469.5		3 4515.5		18 4561.5
	4 4424.5		19 4470.5		4 4516.5		19 4562.5
	5 4425.5		20 4471.5		5 4517.5		20 4563.5
	6 4426.5		21 4472.5		6 4518.5		21 4564.5
	7 4427.5		22 4473.5		7 4519.5		22 4565.5
	8 4428.5		23 4474.5		8 4520.5		23 4566.5
	9 4429.5		24 4475.5		9 4521.5		24 4567.5
	10 4430.5		25 4476.5		10 4522.5		25 4568.5
	11 4431.5		26 4477.5		11 4523.5		26 4569.5
	12 4432.5		27 4478.5		12 4524.5		27 4570.5
	13 4433.5		28 4479.5		13 4525.5		28 4571.5
	14 4434.5		29 4480.5		14 4526.5		29 4572.5
	15 4435.5		30 4481.5		15 4527.5		30 4573.5
	16 4436.5		31 4482.5		16 4528.5	Dec.	1 4574.5
	17 4437.5	Sept.	1 4483.5		17 4529.5		2 4575.5
	18 4438.5		2 4484.5		18 4530.5		3 4576.5
	19 4439.5		3 4485.5		19 4531.5		4 4577.5
	20 4440.5		4 4486.5		20 4532.5		5 4578.5
	21 4441.5		5 4487.5		21 4533.5		6 4579.5
	22 4442.5		6 4488.5		22 4534.5		7 4580.5
	23 4443.5		7 4489.5		23 4535.5		8 4581.5
	24 4444.5		8 4490.5		24 4536.5		9 4582.5
	25 4445.5		9 4491.5		25 4537.5		10 4583.5
	26 4446.5		10 4492.5		26 4538.5		11 4584.5
	27 4447.5		11 4493.5		27 4539.5		12 4585.5
	28 4448.5		12 4494.5		28 4540.5		13 4586.5
	29 4449.5		13 4495.5		29 4541.5		14 4587.5
	30 4450.5		14 4496.5		30 4542.5		15 4588.5
	31 4451.5		15 4497.5		31 4543.5		16 4589.5
Aug.	1 4452.5		16 4498.5	Nov.	1 4544.5		17 4590.5
	2 4453.5		17 4499.5		2 4545.5		18 4591.5
	3 4454.5		18 4500.5		3 4546.5		19 4592.5
	4 4455.5		19 4501.5		4 4547.5		20 4593.5
	5 4456.5		20 4502.5		5 4548.5		21 4594.5
	6 4457.5		21 4503.5		6 4549.5		22 4595.5
	7 4458.5		22 4504.5		7 4550.5		23 4596.5
	8 4459.5		23 4505.5		8 4551.5		24 4597.5
	9 4460.5		24 4506.5		9 4552.5		25 4598.5
	10 4461.5		25 4507.5		10 4553.5		26 4599.5
	11 4462.5		26 4508.5		11 4554.5		27 4600.5
	12 4463.5		27 4509.5		12 4555.5		28 4601.5
	13 4464.5		28 4510.5		13 4556.5		29 4602.5
	14 4465.5		29 4511.5		14 4557.5		30 4603.5
	15 4466.5		30 4512.5		15 4558.5		31 4604.5

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	<b>244</b>		<b>244</b>		<b>244</b>		<b>244</b>
Jan.	0 4604.5	Feb.	15 4650.5	Apr.	2 4696.5	May	18 4742.5
	1 4605.5		16 4651.5		3 4697.5		19 4743.5
	2 4606.5		17 4652.5		4 4698.5		20 4744.5
	3 4607.5		18 4653.5		5 4699.5		21 4745.5
	4 4608.5		19 4654.5		6 4700.5		22 4746.5
	5 4609.5		20 4655.5		7 4701.5		23 4747.5
	6 4610.5		21 4656.5		8 4702.5		24 4748.5
	7 4611.5		22 4657.5		9 4703.5		25 4749.5
	8 4612.5		23 4658.5		10 4704.5		26 4750.5
	9 4613.5		24 4659.5		11 4705.5		27 4751.5
	10 4614.5		25 4660.5		12 4706.5		28 4752.5
	11 4615.5		26 4661.5		13 4707.5		29 4753.5
	12 4616.5		27 4662.5		14 4708.5		30 4754.5
	13 4617.5		28 4663.5		15 4709.5		31 4755.5
	14 4618.5	Mar.	1 4664.5		16 4710.5	June	1 4756.5
	15 4619.5		2 4665.5		17 4711.5		2 4757.5
	16 4620.5		3 4666.5		18 4712.5		3 4758.5
	17 4621.5		4 4667.5		19 4713.5		4 4759.5
	18 4622.5		5 4668.5		20 4714.5		5 4760.5
	19 4623.5		6 4669.5		21 4715.5		6 4761.5
	20 4624.5		7 4670.5		22 4716.5		7 4762.5
	21 4625.5		8 4671.5		23 4717.5		8 4763.5
	22 4626.5		9 4672.5		24 4718.5		9 4764.5
	23 4627.5		10 4673.5		25 4719.5		10 4765.5
	24 4628.5		11 4674.5		26 4720.5		11 4766.5
	25 4629.5		12 4675.5		27 4721.5		12 4767.5
	26 4630.5		13 4676.5		28 4722.5		13 4768.5
	27 4631.5		14 4677.5		29 4723.5		14 4769.5
	28 4632.5		15 4678.5		30 4724.5		15 4770.5
	29 4633.5		16 4679.5	May	1 4725.5		16 4771.5
	30 4634.5		17 4680.5		2 4726.5		17 4772.5
	31 4635.5		18 4681.5		3 4727.5		18 4773.5
Feb.	1 4636.5		19 4682.5		4 4728.5		19 4774.5
	2 4637.5		20 4683.5		5 4729.5		20 4775.5
	3 4638.5		21 4684.5		6 4730.5		21 4776.5
	4 4639.5		22 4685.5		7 4731.5		22 4777.5
	5 4640.5		23 4686.5		8 4732.5		23 4778.5
	6 4641.5		24 4687.5		9 4733.5		24 4779.5
	7 4642.5		25 4688.5		10 4734.5		25 4780.5
	8 4643.5		26 4689.5		11 4735.5		26 4781.5
	9 4644.5		27 4690.5		12 4736.5		27 4782.5
	10 4645.5		28 4691.5		13 4737.5		28 4783.5
	11 4646.5		29 4692.5		14 4738.5		29 4784.5
	12 4647.5		30 4693.5		15 4739.5		30 4785.5
	13 4648.5		31 4694.5		16 4740.5	July	1 4786.5
	14 4649.5	Apr.	1 4695.5		17 4741.5		2 4787.5

# JULIAN DAYS, 1981

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>244</b>		<b>244</b>		<b>244</b>		<b>244</b>
July	1 4786.5	Aug.	16 4832.5	Oct.	1 4878.5	Nov.	16 4924.5
	2 4787.5		17 4833.5		2 4879.5		17 4925.5
	3 4788.5		18 4834.5		3 4880.5		18 4926.5
	4 4789.5		19 4835.5		4 4881.5		19 4927.5
	5 4790.5		20 4836.5		5 4882.5		20 4928.5
	6 4791.5		21 4837.5		6 4883.5		21 4929.5
	7 4792.5		22 4838.5		7 4884.5		22 4930.5
	8 4793.5		23 4839.5		8 4885.5		23 4931.5
	9 4794.5		24 4840.5		9 4886.5		24 4932.5
	10 4795.5		25 4841.5		10 4887.5		25 4933.5
	11 4796.5		26 4842.5		11 4888.5		26 4934.5
	12 4797.5		27 4843.5		12 4889.5		27 4935.5
	13 4798.5		28 4844.5		13 4890.5		28 4936.5
	14 4799.5		29 4845.5		14 4891.5		29 4937.5
	15 4800.5		30 4846.5		15 4892.5		30 4938.5
	16 4801.5		31 4847.5		16 4893.5	Dec.	1 4939.5
	17 4802.5	Sept.	1 4848.5		17 4894.5		2 4940.5
	18 4803.5		2 4849.5		18 4895.5		3 4941.5
	19 4804.5		3 4850.5		19 4896.5		4 4942.5
	20 4805.5		4 4851.5		20 4897.5		5 4943.5
	21 4806.5		5 4852.5		21 4898.5		6 4944.5
	22 4807.5		6 4853.5		22 4899.5		7 4945.5
	23 4808.5		7 4854.5		23 4900.5		8 4946.5
	24 4809.5		8 4855.5		24 4901.5		9 4947.5
	25 4810.5		9 4856.5		25 4902.5		10 4948.5
	26 4811.5		10 4857.5		26 4903.5		11 4949.5
	27 4812.5		11 4858.5		27 4904.5		12 4950.5
	28 4813.5		12 4859.5		28 4905.5		13 4951.5
	29 4814.5		13 4860.5		29 4906.5		14 4952.5
	30 4815.5		14 4861.5		30 4907.5		15 4953.5
	31 4816.5		15 4862.5		31 4908.5		16 4954.5
Aug.	1 4817.5		16 4863.5	Nov.	1 4909.5		17 4955.5
	2 4818.5		17 4864.5		2 4910.5		18 4956.5
	3 4819.5		18 4865.5		3 4911.5		19 4957.5
	4 4820.5		19 4866.5		4 4912.5		20 4958.5
	5 4821.5		20 4867.5		5 4913.5		21 4959.5
	6 4822.5		21 4868.5		6 4914.5		22 4960.5
	7 4823.5		22 4869.5		7 4915.5		23 4961.5
	8 4824.5		23 4870.5		8 4916.5		24 4962.5
	9 4825.5		24 4871.5		9 4917.5		25 4963.5
	10 4826.5		25 4872.5		10 4918.5		26 4964.5
	11 4827.5		26 4873.5		11 4919.5		27 4965.5
	12 4828.5		27 4874.5		12 4920.5		28 4966.5
	13 4829.5		28 4875.5		13 4921.5		29 4967.5
	14 4830.5		29 4876.5		14 4922.5		30 4968.5
	15 4831.5		30 4877.5		15 4923.5		31 4969.5

## JULIAN DAYS, 1982

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>244</b>		<b>244</b>		<b>244</b>		<b>244</b>
Jan.	0 4969.5	Feb.	15 5015.5	Apr.	2 5061.5	May	18 5107.5
	1 4970.5		16 5016.5		3 5062.5		19 5108.5
	2 4971.5		17 5017.5		4 5063.5		20 5109.5
	3 4972.5		18 5018.5		5 5064.5		21 5110.5
	4 4973.5		19 5019.5		6 5065.5		22 5111.5
	5 4974.5		20 5020.5		7 5066.5		23 5112.5
	6 4975.5		21 5021.5		8 5067.5		24 5113.5
	7 4976.5		22 5022.5		9 5068.5		25 5114.5
	8 4977.5		23 5023.5		10 5069.5		26 5115.5
	9 4978.5		24 5024.5		11 5070.5		27 5116.5
	10 4979.5		25 5025.5		12 5071.5		28 5117.5
	11 4980.5		26 5026.5		13 5072.5		29 5118.5
	12 4981.5		27 5027.5		14 5073.5		30 5119.5
	13 4982.5		28 5028.5		15 5074.5		31 5120.5
	14 4983.5	Mar.	1 5029.5		16 5075.5	June	1 5121.5
	15 4984.5		2 5030.5		17 5076.5		2 5122.5
	16 4985.5		3 5031.5		18 5077.5		3 5123.5
	17 4986.5		4 5032.5		19 5078.5		4 5124.5
	18 4987.5		5 5033.5		20 5079.5		5 5125.5
	19 4988.5		6 5034.5		21 5080.5		6 5126.5
	20 4989.5		7 5035.5		22 5081.5		7 5127.5
	21 4990.5		8 5036.5		23 5082.5		8 5128.5
	22 4991.5		9 5037.5		24 5083.5		9 5129.5
	23 4992.5		10 5038.5		25 5084.5		10 5130.5
	24 4993.5		11 5039.5		26 5085.5		11 5131.5
	25 4994.5		12 5040.5		27 5086.5		12 5132.5
	26 4995.5		13 5041.5		28 5087.5		13 5133.5
	27 4996.5		14 5042.5		29 5088.5		14 5134.5
	28 4997.5		15 5043.5		30 5089.5		15 5135.5
	29 4998.5		16 5044.5	May	1 5090.5		16 5136.5
	30 4999.5		17 5045.5		2 5091.5		17 5137.5
	31 5000.5		18 5046.5		3 5092.5		18 5138.5
Feb.	1 5001.5		19 5047.5		4 5093.5		19 5139.5
	2 5002.5		20 5048.5		5 5094.5		20 5140.5
	3 5003.5		21 5049.5		6 5095.5		21 5141.5
	4 5004.5		22 5050.5		7 5096.5		22 5142.5
	5 5005.5		23 5051.5		8 5097.5		23 5143.5
	6 5006.5		24 5052.5		9 5098.5		24 5144.5
	7 5007.5		25 5053.5		10 5099.5		25 5145.5
	8 5008.5		26 5054.5		11 5100.5		26 5146.5
	9 5009.5		27 5055.5		12 5101.5		27 5147.5
	10 5010.5		28 5056.5		13 5102.5		28 5148.5
	11 5011.5		29 5057.5		14 5103.5		29 5149.5
	12 5012.5		30 5058.5		15 5104.5		30 5150.5
	13 5013.5		31 5059.5		16 5105.5	July	1 5151.5
	14 5014.5	Apr.	1 5060.5		17 5106.5		2 5152.5

## JULIAN DAYS, 1982

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>244</b>		<b>244</b>		<b>244</b>		<b>244</b>
July	1 5151.5	Aug.	16 5197.5	Oct.	1 5243.5	Nov.	16 5289.5
	2 5152.5		17 5198.5		2 5244.5		17 5290.5
	3 5153.5		18 5199.5		3 5245.5		18 5291.5
	4 5154.5		19 5200.5		4 5246.5		19 5292.5
	5 5155.5		20 5201.5		5 5247.5		20 5293.5
	6 5156.5		21 5202.5		6 5248.5		21 5294.5
	7 5157.5		22 5203.5		7 5249.5		22 5295.5
	8 5158.5		23 5204.5		8 5250.5		23 5296.5
	9 5159.5		24 5205.5		9 5251.5		24 5297.5
	10 5160.5		25 5206.5		10 5252.5		25 5298.5
	11 5161.5		26 5207.5		11 5253.5		26 5299.5
	12 5162.5		27 5208.5		12 5254.5		27 5300.5
	13 5163.5		28 5209.5		13 5255.5		28 5301.5
	14 5164.5		29 5210.5		14 5256.5		29 5302.5
	15 5165.5		30 5211.5		15 5257.5		30 5303.5
	16 5166.5		31 5212.5		16 5258.5	Dec.	1 5304.5
	17 5167.5	Sept.	1 5213.5		17 5259.5		2 5305.5
	18 5168.5		2 5214.5		18 5260.5		3 5306.5
	19 5169.5		3 5215.5		19 5261.5		4 5307.5
	20 5170.5		4 5216.5		20 5262.5		5 5308.5
	21 5171.5		5 5217.5		21 5263.5		6 5309.5
	22 5172.5		6 5218.5		22 5264.5		7 5310.5
	23 5173.5		7 5219.5		23 5265.5		8 5311.5
	24 5174.5		8 5220.5		24 5266.5		9 5312.5
	25 5175.5		9 5221.5		25 5267.5		10 5313.5
	26 5176.5		10 5222.5		26 5268.5		11 5314.5
	27 5177.5		11 5223.5		27 5269.5		12 5315.5
	28 5178.5		12 5224.5		28 5270.5		13 5316.5
	29 5179.5		13 5225.5		29 5271.5		14 5317.5
	30 5180.5		14 5226.5		30 5272.5		15 5318.5
	31 5181.5		15 5227.5		31 5273.5		16 5319.5
Aug.	1 5182.5		16 5228.5	Nov.	1 5274.5		17 5320.5
	2 5183.5		17 5229.5		2 5275.5		18 5321.5
	3 5184.5		18 5230.5		3 5276.5		19 5322.5
	4 5185.5		19 5231.5		4 5277.5		20 5323.5
	5 5186.5		20 5232.5		5 5278.5		21 5324.5
	6 5187.5		21 5233.5		6 5279.5		22 5325.5
	7 5188.5		22 5234.5		7 5280.5		23 5326.5
	8 5189.5		23 5235.5		8 5281.5		24 5327.5
	9 5190.5		24 5236.5		9 5282.5		25 5328.5
	10 5191.5		25 5237.5		10 5283.5		26 5329.5
	11 5192.5		26 5238.5		11 5284.5		27 5330.5
	12 5193.5		27 5239.5		12 5285.5		28 5331.5
	13 5194.5		28 5240.5		13 5286.5		29 5332.5
	14 5195.5		29 5241.5		14 5287.5		30 5333.5
	15 5196.5		30 5242.5		15 5288.5		31 5334.5

## JULIAN DAYS, 1983

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>244</b>		<b>244</b>		<b>244</b>		<b>244</b>
Jan.	0 5334.5	Feb.	15 5380.5	Apr.	2 5426.5	May	18 5472.5
	1 5335.5		16 5381.5		3 5427.5		19 5473.5
	2 5336.5		17 5382.5		4 5428.5		20 5474.5
	3 5337.5		18 5383.5		5 5429.5		21 5475.5
	4 5338.5		19 5384.5		6 5430.5		22 5476.5
	5 5339.5		20 5385.5		7 5431.5		23 5477.5
	6 5340.5		21 5386.5		8 5432.5		24 5478.5
	7 5341.5		22 5387.5		9 5433.5		25 5479.5
	8 5342.5		23 5388.5		10 5434.5		26 5480.5
	9 5343.5		24 5389.5		11 5435.5		27 5481.5
	10 5344.5		25 5390.5		12 5436.5		28 5482.5
	11 5345.5		26 5391.5		13 5437.5		29 5483.5
	12 5346.5		27 5392.5		14 5438.5		30 5484.5
	13 5347.5		28 5393.5		15 5439.5		31 5485.5
	14 5348.5	Mar.	1 5394.5		16 5440.5	June	1 5486.5
	15 5349.5		2 5395.5		17 5441.5		2 5487.5
	16 5350.5		3 5396.5		18 5442.5		3 5488.5
	17 5351.5		4 5397.5		19 5443.5		4 5489.5
	18 5352.5		5 5398.5		20 5444.5		5 5490.5
	19 5353.5		6 5399.5		21 5445.5		6 5491.5
	20 5354.5		7 5400.5		22 5446.5		7 5492.5
	21 5355.5		8 5401.5		23 5447.5		8 5493.5
	22 5356.5		9 5402.5		24 5448.5		9 5494.5
	23 5357.5		10 5403.5		25 5449.5		10 5495.5
	24 5358.5		11 5404.5		26 5450.5		11 5496.5
	25 5359.5		12 5405.5		27 5451.5		12 5497.5
	26 5360.5		13 5406.5		28 5452.5		13 5498.5
	27 5361.5		14 5407.5		29 5453.5		14 5499.5
	28 5362.5		15 5408.5		30 5454.5		15 5500.5
	29 5363.5		16 5409.5	May	1 5455.5		16 5501.5
	30 5364.5		17 5410.5		2 5456.5		17 5502.5
	31 5365.5		18 5411.5		3 5457.5		18 5503.5
Feb.	1 5366.5		19 5412.5		4 5458.5		19 5504.5
	2 5367.5		20 5413.5		5 5459.5		20 5505.5
	3 5368.5		21 5414.5		6 5460.5		21 5506.5
	4 5369.5		22 5415.5		7 5461.5		22 5507.5
	5 5370.5		23 5416.5		8 5462.5		23 5508.5
	6 5371.5		24 5417.5		9 5463.5		24 5509.5
	7 5372.5		25 5418.5		10 5464.5		25 5510.5
	8 5373.5		26 5419.5		11 5465.5		26 5511.5
	9 5374.5		27 5420.5		12 5466.5		27 5512.5
	10 5375.5		28 5421.5		13 5467.5		28 5513.5
	11 5376.5		29 5422.5		14 5468.5		29 5514.5
	12 5377.5		30 5423.5		15 5469.5		30 5515.5
	13 5378.5		31 5424.5		16 5470.5	July	1 5516.5
	14 5379.5	Apr.	1 5425.5		17 5471.5		2 5517.5



## JULIAN DAYS, 1983

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>244</b>		<b>244</b>		<b>244</b>		<b>244</b>
July	1 5516.5	Aug.	16 5562.5	Oct.	1 5608.5	Nov.	16 5654.5
	2 5517.5		17 5563.5		2 5609.5		17 5655.5
	3 5518.5		18 5564.5		3 5610.5		18 5656.5
	4 5519.5		19 5565.5		4 5611.5		19 5657.5
	5 5520.5		20 5566.5		5 5612.5		20 5658.5
	6 5521.5		21 5567.5		6 5613.5		21 5659.5
	7 5522.5		22 5568.5		7 5614.5		22 5660.5
	8 5523.5		23 5569.5		8 5615.5		23 5661.5
	9 5524.5		24 5570.5		9 5616.5		24 5662.5
	10 5525.5		25 5571.5		10 5617.5		25 5663.5
	11 5526.5		26 5572.5		11 5618.5		26 5664.5
	12 5527.5		27 5573.5		12 5619.5		27 5665.5
	13 5528.5		28 5574.5		13 5620.5		28 5666.5
	14 5529.5		29 5575.5		14 5621.5		29 5667.5
	15 5530.5		30 5576.5		15 5622.5		30 5668.5
	16 5531.5		31 5577.5		16 5623.5	Dec.	1 5669.5
	17 5532.5	Sept.	1 5578.5		17 5624.5		2 5670.5
	18 5533.5		2 5579.5		18 5625.5		3 5671.5
	19 5534.5		3 5580.5		19 5626.5		4 5672.5
	20 5535.5		4 5581.5		20 5627.5		5 5673.5
	21 5536.5		5 5582.5		21 5628.5		6 5674.5
	22 5537.5		6 5583.5		22 5629.5		7 5675.5
	23 5538.5		7 5584.5		23 5630.5		8 5676.5
	24 5539.5		8 5585.5		24 5631.5		9 5677.5
	25 5540.5		9 5586.5		25 5632.5		10 5678.5
	26 5541.5		10 5587.5		26 5633.5		11 5679.5
	27 5542.5		11 5588.5		27 5634.5		12 5680.5
	28 5543.5		12 5589.5		28 5635.5		13 5681.5
	29 5544.5		13 5590.5		29 5636.5		14 5682.5
	30 5545.5		14 5591.5		30 5637.5		15 5683.5
	31 5546.5		15 5592.5		31 5638.5		16 5684.5
Aug.	1 5547.5		16 5593.5	Nov.	1 5639.5		17 5685.5
	2 5548.5		17 5594.5		2 5640.5		18 5686.5
	3 5549.5		18 5595.5		3 5641.5		19 5687.5
	4 5550.5		19 5596.5		4 5642.5		20 5688.5
	5 5551.5		20 5597.5		5 5643.5		21 5689.5
	6 5552.5		21 5598.5		6 5644.5		22 5690.5
	7 5553.5		22 5599.5		7 5645.5		23 5691.5
	8 5554.5		23 5600.5		8 5646.5		24 5692.5
	9 5555.5		24 5601.5		9 5647.5		25 5693.5
	10 5556.5		25 5602.5		10 5648.5		26 5694.5
	11 5557.5		26 5603.5		11 5649.5		27 5695.5
	12 5558.5		27 5604.5		12 5650.5		28 5696.5
	13 5559.5		28 5605.5		13 5651.5		29 5697.5
	14 5560.5		29 5606.5		14 5652.5		30 5698.5
	15 5561.5		30 5607.5		15 5653.5		31 5699.5

## JULIAN DAYS, 1984

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>244</b>		<b>244</b>		<b>244</b>		<b>244</b>
Jan.	0 5699.5	Feb.	15 5745.5	Apr.	1 5791.5	May	17 5837.5
	1 5700.5		16 5746.5		2 5792.5		18 5838.5
	2 5701.5		17 5747.5		3 5793.5		10 5839.5
	3 5702.5		18 5748.5		4 5794.5		20 5840.5
	4 5703.5		19 5749.5		5 5795.5		21 5841.5
	5 5704.5		20 5750.5		6 5796.5		22 5842.5
	6 5705.5		21 5751.5		7 5797.5		23 5843.5
	7 5706.5		22 5752.5		8 5798.5		24 5844.5
	8 5707.5		23 5753.5		9 5799.5		25 5845.5
	9 5708.5		24 5754.5		10 5800.5		26 5846.5
	10 5709.5		25 5755.5		11 5801.5		27 5847.5
	11 5710.5		26 5756.5		12 5802.5		28 5848.5
	12 5711.5		27 5757.5		13 5803.5		29 5849.5
	13 5712.5		28 5758.5		14 5804.5		30 5850.5
	14 5713.5		29 5759.5		15 5805.5		31 5851.5
	15 5714.5	Mar.	1 5760.5		16 5806.5	June	1 5852.5
	16 5715.5		2 5761.5		17 5807.5		2 5853.5
	17 5716.5		3 5762.5		18 5808.5		3 5854.5
	18 5717.5		4 5763.5		19 5809.5		4 5855.5
	19 5718.5		5 5764.5		20 5810.5		5 5856.5
	20 5719.5		6 5765.5		21 5811.5		6 5857.5
	21 5720.5		7 5766.5		22 5812.5		7 5858.5
	22 5721.5		8 5767.5		23 5813.5		8 5859.5
	23 5722.5		9 5768.5		24 5814.5		9 5860.5
	24 5723.5		10 5769.5		25 5815.5		10 5861.5
	25 5724.5		11 5770.5		26 5816.5		11 5862.5
	26 5725.5		12 5771.5		27 5817.5		12 5863.5
	27 5726.5		13 5772.5		28 5818.5		13 5864.5
	28 5727.5		14 5773.5		29 5819.5		14 5865.5
	29 5728.5		15 5774.5		30 5820.5		15 5866.5
	30 5729.5		16 5775.5	May	1 5821.5		16 5867.5
	31 5730.5		17 5776.5		2 5822.5		17 5868.5
Feb.	1 5731.5		18 5777.5		3 5823.5		18 5869.5
	2 5732.5		19 5778.5		4 5824.5		19 5870.5
	3 5733.5		20 5779.5		5 5825.5		20 5871.5
	4 5734.5		21 5780.5		6 5826.5		21 5872.5
	5 5735.5		22 5781.5		7 5827.5		22 5873.5
	6 5736.5		23 5782.5		8 5828.5		23 5874.5
	7 5737.5		24 5783.5		9 5829.5		24 5875.5
	8 5738.5		25 5784.5		10 5830.5		25 5876.5
	9 5739.5		26 5785.5		11 5831.5		26 5877.5
	10 5740.5		27 5786.5		12 5832.5		27 5878.5
	11 5741.5		28 5787.5		13 5833.5		28 5879.5
	12 5742.5		29 5788.5		14 5834.5		29 5880.5
	13 5743.5		30 5789.5		15 5835.5		30 5881.5
	14 5744.5		31 5790.5		16 5836.5	July	1 5882.5

## JULIAN DAYS, 1984

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>244</b>		<b>244</b>		<b>244</b>		<b>244</b>
July	1 5882.5	Aug.	16 5928.5	Oct.	1 5974.5	Nov.	16 6020.5
	2 5883.5		17 5929.5		2 5975.5		17 6021.5
	3 5884.5		18 5930.5		3 5976.5		18 6022.5
	4 5885.5		19 5931.5		4 5977.5		19 6023.5
	5 5886.5		20 5932.5		5 5978.5		20 6024.5
	6 5887.5		21 5933.5		6 5979.5		21 6025.5
	7 5888.5		22 5934.5		7 5980.5		22 6026.5
	8 5889.5		23 5935.5		8 5981.5		23 6027.5
	9 5890.5		24 5936.5		9 5982.5		24 6028.5
	10 5891.5		25 5937.5		10 5983.5		25 6029.5
	11 5892.5		26 5938.5		11 5984.5		26 6030.5
	12 5893.5		27 5939.5		12 5985.5		27 6031.5
	13 5894.5		28 5940.5		13 5986.5		28 6032.5
	14 5895.5		29 5941.5		14 5987.5		29 6033.5
	15 5896.5		30 5942.5		15 5988.5		30 6034.5
	16 5897.5		31 5943.5		16 5989.5	Dec.	1 6035.5
	17 5898.5	Sept.	1 5944.5		17 5990.5		2 6036.5
	18 5899.5		2 5945.5		18 5991.5		3 6037.5
	19 5900.5		3 5946.5		19 5992.5		4 6038.5
	20 5901.5		4 5947.5		20 5993.5		5 6039.5
	21 5902.5		5 5948.5		21 5994.5		6 6040.5
	22 5903.5		6 5949.5		22 5995.5		7 6041.5
	23 5904.5		7 5950.5		23 5996.5		8 6042.5
	24 5905.5		8 5951.5		24 5997.5		9 6043.5
	25 5906.5		9 5952.5		25 5998.5		10 6044.5
	26 5907.5		10 5953.5		26 5999.5		11 6045.5
	27 5908.5		11 5954.5		27 6000.5		12 6046.5
	28 5909.5		12 5955.5		28 6001.5		13 6047.5
	29 5910.5		13 5956.5		29 6002.5		14 6048.5
	30 5911.5		14 5957.5		30 6003.5		15 6049.5
	31 5912.5		15 5958.5		31 6004.5		16 6050.5
Aug.	1 5913.5		16 5959.5	Nov.	1 6005.5		17 6051.5
	2 5914.5		17 5960.5		2 6006.5		18 6052.5
	3 5915.5		18 5961.5		3 6007.5		19 6053.5
	4 5916.5		19 5962.5		4 6008.5		20 6054.5
	5 5917.5		20 5963.5		5 6009.5		21 6055.5
	6 5918.5		21 5964.5		6 6010.5		22 6056.5
	7 5919.5		22 5965.5		7 6011.5		23 6057.5
	8 5920.5		23 5966.5		8 6012.5		24 6058.5
	9 5921.5		24 5967.5		9 6013.5		25 6059.5
	10 5922.5		25 5968.5		10 6014.5		26 6060.5
	11 5923.5		26 5969.5		11 6015.5		27 6061.5
	12 5924.5		27 5970.5		12 6016.5		28 6062.5
	13 5925.5		28 5971.5		13 6017.5		29 6063.5
	14 5926.5		29 5972.5		14 6018.5		30 6064.5
	15 5927.5		30 5973.5		15 6019.5		31 6065.5

## JULIAN DAYS, 1985

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>244</b>		<b>244</b>		<b>244</b>		<b>244</b>
Jan.	0 6065.5	Feb.	15 6111.5	Apr.	2 6157.5	May	18 6203.5
	1 6066.5		16 6112.5		3 6158.5		19 6204.5
	2 6067.5		17 6113.5		4 6159.5		20 6205.5
	3 6068.5		18 6114.5		5 6160.5		21 6206.5
	4 6069.5		19 6115.5		6 6161.5		22 6207.5
	5 6070.5		20 6116.5		7 6162.5		23 6208.5
	6 6071.5		21 6117.5		8 6163.5		24 6209.5
	7 6072.5		22 6118.5		9 6164.5		25 6210.5
	8 6073.5		23 6119.5		10 6165.5		26 6211.5
	9 6074.5		24 6120.5		11 6166.5		27 6212.5
	10 6075.5		25 6121.5		12 6167.5		28 6213.5
	11 6076.5		26 6122.5		13 6168.5		29 6214.5
	12 6077.5		27 6123.5		14 6169.5		30 6215.5
	13 6078.5		28 6124.5		15 6170.5		31 6216.5
	14 6079.5	Mar.	1 6125.5		16 6171.5	June	1 6217.5
	15 6080.5		2 6126.5		17 6172.5		2 6218.5
	16 6081.5		3 6127.5		18 6173.5		3 6219.5
	17 6082.5		4 6128.5		19 6174.5		4 6220.5
	18 6083.5		5 6129.5		20 6175.5		5 6221.5
	19 6084.5		6 6130.5		21 6176.5		6 6222.5
	20 6085.5		7 6131.5		22 6177.5		7 6223.5
	21 6086.5		8 6132.5		23 6178.5		8 6224.5
	22 6087.5		9 6133.5		24 6179.5		9 6225.5
	23 6088.5		10 6134.5		25 6180.5		10 6226.5
	24 6089.5		11 6135.5		26 6181.5		11 6227.5
	25 6090.5		12 6136.5		27 6182.5		12 6228.5
	26 6091.5		13 6137.5		28 6183.5		13 6229.5
	27 6092.5		14 6138.5		29 6184.5		14 6230.5
	28 6093.5		15 6139.5		30 6185.5		15 6231.5
	29 6094.5		16 6140.5	May	1 6186.5		16 6232.5
	30 6095.5		17 6141.5		2 6187.5		17 6233.5
	31 6096.5		18 6142.5		3 6188.5		18 6234.5
Feb.	1 6097.5		19 6143.5		4 6189.5		19 6235.5
	2 6098.5		20 6144.5		5 6190.5		20 6236.5
	3 6099.5		21 6145.5		6 6191.5		21 6237.5
	4 6100.5		22 6146.5		7 6192.5		22 6238.5
	5 6101.5		23 6147.5		8 6193.5		23 6239.5
	6 6102.5		24 6148.5		9 6194.5		24 6240.5
	7 6103.5		25 6149.5		10 6195.5		25 6241.5
	8 6104.5		26 6150.5		11 6196.5		26 6242.5
	9 6105.5		27 6151.5		12 6197.5		27 6243.5
	10 6106.5		28 6152.5		13 6198.5		28 6244.5
	11 6107.5		29 6153.5		14 6199.5		29 6245.5
	12 6108.5		30 6154.5		15 6200.5		30 6246.5
	13 6109.5		31 6155.5		16 6201.5	July	1 6247.5
	14 6110.5	Apr.	1 6156.5		17 6202.5		2 6248.5

## JULIAN DAYS, 1985

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>244</b>		<b>244</b>		<b>244</b>		<b>244</b>
July	1 6247.5	Aug.	16 6293.5	Oct.	1 6339.5	Nov.	16 6385.5
	2 6248.5		17 6294.5		2 6340.5		17 6386.5
	3 6249.5		18 6295.5		3 6341.5		18 6387.5
	4 6250.5		19 6296.5		4 6342.5		19 6388.5
	5 6251.5		20 6297.5		5 6343.5		20 6389.5
	6 6252.5		21 6298.5		6 6344.5		21 6390.5
	7 6253.5		22 6299.5		7 6345.5		22 6391.5
	8 6254.5		23 6300.5		8 6346.5		23 6392.5
	9 6255.5		24 6301.5		9 6347.5		24 6393.5
	10 6256.5		25 6302.5		10 6348.5		25 6394.5
	11 6257.5		26 6303.5		11 6349.5		26 6395.5
	12 6258.5		27 6304.5		12 6350.5		27 6396.5
	13 6259.5		28 6305.5		13 6351.5		28 6397.5
	14 6260.5		29 6306.5		14 6352.5		29 6398.5
	15 6261.5		30 6307.5		15 6353.5		30 6399.5
	16 6262.5		31 6308.5		16 6354.5	Dec.	1 6400.5
	17 6263.5	Sept.	1 6309.5		17 6355.5		2 6401.5
	18 6264.5		2 6310.5		18 6356.5		3 6402.5
	19 6265.5		3 6311.5		19 6357.5		4 6403.5
	20 6266.5		4 6312.5		20 6358.5		5 6404.5
	21 6267.5		5 6313.5		21 6359.5		6 6405.5
	22 6268.5		6 6314.5		22 6360.5		7 6406.5
	23 6269.5		7 6315.5		23 6361.5		8 6407.5
	24 6270.5		8 6316.5		24 6362.5		9 6408.5
	25 6271.5		9 6317.5		25 6363.5		10 6409.5
	26 6272.5		10 6318.5		26 6364.5		11 6410.5
	27 6273.5		11 6319.5		27 6365.5		12 6411.5
	28 6274.5		12 6320.5		28 6366.5		13 6412.5
	29 6275.5		13 6321.5		29 6367.5		14 6413.5
	30 6276.5		14 6322.5		30 6368.5		15 6414.5
	31 6277.5		15 6323.5		31 6369.5		16 6415.5
Aug.	1 6278.5		16 6324.5	Nov.	1 6370.5		17 6416.5
	2 6279.5		17 6325.5		2 6371.5		18 6417.5
	3 6280.5		18 6326.5		3 6372.5		19 6418.5
	4 6281.5		19 6327.5		4 6373.5		20 6419.5
	5 6282.5		20 6328.5		5 6374.5		21 6420.5
	6 6283.5		21 6329.5		6 6375.5		22 6421.5
	7 6284.5		22 6330.5		7 6376.5		23 6422.5
	8 6285.5		23 6331.5		8 6377.5		24 6423.5
	9 6286.5		24 6332.5		9 6378.5		25 6424.5
	10 6287.5		25 6333.5		10 6379.5		26 6425.5
	11 6288.5		26 6334.5		11 6380.5		27 6426.5
	12 6289.5		27 6335.5		12 6381.5		28 6427.5
	13 6290.5		28 6336.5		13 6382.5		29 6428.5
	14 6291.5		29 6337.5		14 6383.5		30 6429.5
	15 6292.5		30 6338.5		15 6384.5		31 6430.5

## JULIAN DAYS, 1986

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>244</b>		<b>244</b>		<b>244</b>		<b>244</b>
Jan.	0 6430.5	Feb.	15 6476.5	Apr.	2 6522.5	May	18 6568.5
	1 6431.5		16 6477.5		3 6523.5		19 6569.5
	2 6432.5		17 6478.5		4 6524.5		20 6570.5
	3 6433.5		18 6479.5		5 6525.5		21 6571.5
	4 6434.5		19 6480.5		6 6526.5		22 6572.5
	5 6435.5		20 6481.5		7 6527.5		23 6573.5
	6 6436.5		21 6482.5		8 6528.5		24 6574.5
	7 6437.5		22 6483.5		9 6529.5		25 6575.5
	8 6438.5		23 6484.5		10 6530.5		26 6576.5
	9 6439.5		24 6485.5		11 6531.5		27 6577.5
	10 6440.5		25 6486.5		12 6532.5		28 6578.5
	11 6441.5		26 6487.5		13 6533.5		29 6579.5
	12 6442.5		27 6488.5		14 6534.5		30 6580.5
	13 6443.5		28 6489.5		15 6535.5		31 6581.5
	14 6444.5	Mar.	1 6490.5		16 6536.5	June	1 6582.5
	15 6445.5		2 6491.5		17 6537.5		2 6583.5
	16 6446.5		3 6492.5		18 6538.5		3 6584.5
	17 6447.5		4 6493.5		19 6539.5		4 6585.5
	18 6448.5		5 6494.5		20 6540.5		5 6586.5
	19 6449.5		6 6495.5		21 6541.5		6 6587.5
	20 6450.5		7 6496.5		22 6542.5		7 6588.5
	21 6451.5		8 6497.5		23 6543.5		8 6589.5
	22 6452.5		9 6498.5		24 6544.5		9 6590.5
	23 6453.5		10 6499.5		25 6545.5		10 6591.5
	24 6454.5		11 6500.5		26 6546.5		11 6592.5
	25 6455.5		12 6501.5		27 6547.5		12 6593.5
	26 6456.5		13 6502.5		28 6548.5		13 6594.5
	27 6457.5		14 6503.5		29 6549.5		14 6595.5
	28 6458.5		15 6504.5		30 6550.5		15 6596.5
	29 6459.5		16 6505.5	May	1 6551.5		16 6597.5
	30 6460.5		17 6506.5		2 6552.5		17 6598.5
	31 6461.5		18 6507.5		3 6553.5		18 6599.5
Feb.	1 6462.5		19 6508.5		4 6554.5		19 6600.5
	2 6463.5		20 6509.5		5 6555.5		20 6601.5
	3 6464.5		21 6510.5		6 6556.5		21 6602.5
	4 6465.5		22 6511.5		7 6557.5		22 6603.5
	5 6466.5		23 6512.5		8 6558.5		23 6604.5
	6 6467.5		24 6513.5		9 6559.5		24 6605.5
	7 6468.5		25 6514.5		10 6560.5		25 6606.5
	8 6469.5		26 6515.5		11 6561.5		26 6607.5
	9 6470.5		27 6516.5		12 6562.5		27 6608.5
	10 6471.5		28 6517.5		13 6563.5		28 6609.5
	11 6472.5		29 6518.5		14 6564.5		29 6610.5
	12 6473.5		30 6519.5		15 6565.5		30 6611.5
	13 6474.5		31 6520.5		16 6566.5	July	1 6612.5
	14 6475.5	Apr.	1 6521.5		17 6567.5		2 6613.5

## JULIAN DAYS, 1986

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>244</b>		<b>244</b>		<b>244</b>		<b>244</b>
July	1 6612.5	Aug.	16 6658.5	Oct.	1 6704.5	Nov.	16 6750.5
	2 6613.5		17 6659.5		2 6705.5		17 6751.5
	3 6614.5		18 6660.5		3 6706.5		18 6752.5
	4 6615.5		19 6661.5		4 6707.5		19 6753.5
	5 6616.5		20 6662.5		5 6708.5		20 6754.5
	6 6617.5		21 6663.5		6 6709.5		21 6755.5
	7 6618.5		22 6664.5		7 6710.5		22 6756.5
	8 6619.5		23 6665.5		8 6711.5		23 6757.5
	9 6620.5		24 6666.5		9 6712.5		24 6758.5
	10 6621.5		25 6667.5		10 6713.5		25 6759.5
	11 6622.5		26 6668.5		11 6714.5		26 6760.5
	12 6623.5		27 6669.5		12 6715.5		27 6761.5
	13 6624.5		28 6670.5		13 6716.5		28 6762.5
	14 6625.5		29 6671.5		14 6717.5		29 6763.5
	15 6626.5		30 6672.5		15 6718.5		30 6764.5
	16 6627.5		31 6673.5		16 6719.5	Dec.	1 6765.5
	17 6628.5	Sept.	1 6674.5		17 6720.5		2 6766.5
	18 6629.5		2 6675.5		18 6721.5		3 6767.5
	19 6630.5		3 6676.5		19 6722.5		4 6768.5
	20 6631.5		4 6677.5		20 6723.5		5 6769.5
	21 6632.5		5 6678.5		21 6724.5		6 6770.5
	22 6633.5		6 6679.5		22 6725.5		7 6771.5
	23 6634.5		7 6680.5		23 6726.5		8 6772.5
	24 6635.5		8 6681.5		24 6727.5		9 6773.5
	25 6636.5		9 6682.5		25 6728.5		10 6774.5
	26 6637.5		10 6683.5		26 6729.5		11 6775.5
	27 6638.5		11 6684.5		27 6730.5		12 6776.5
	28 6639.5		12 6685.5		28 6731.5		13 6777.5
	29 6640.5		13 6686.5		29 6732.5		14 6778.5
	30 6641.5		14 6687.5		30 6733.5		15 6779.5
	31 6642.5		15 6688.5		31 6734.5		16 6780.5
Aug.	1 6643.5		16 6689.5	Nov.	1 6735.5		17 6781.5
	2 6644.5		17 6690.5		2 6736.5		18 6782.5
	3 6645.5		18 6691.5		3 6737.5		19 6783.5
	4 6646.5		19 6692.5		4 6738.5		20 6784.5
	5 6647.5		20 6693.5		5 6739.5		21 6785.5
	6 6648.5		21 6694.5		6 6740.5		22 6786.5
	7 6649.5		22 6695.5		7 6741.5		23 6787.5
	8 6650.5		23 6696.5		8 6742.5		24 6788.5
	9 6651.5		24 6697.5		9 6743.5		25 6789.5
	10 6652.5		25 6698.5		10 6744.5		26 6790.5
	11 6653.5		26 6699.5		11 6745.5		27 6791.5
	12 6654.5		27 6700.5		12 6746.5		28 6792.5
	13 6655.5		28 6701.5		13 6747.5		29 6793.5
	14 6656.5		29 6702.5		14 6748.5		30 6794.5
	15 6657.5		30 6703.5		15 6749.5		31 6795.5

## JULIAN DAYS, 1987

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>244</b>		<b>244</b>		<b>244</b>		<b>244</b>
Jan.	0 6795.5	Feb.	15 6841.5	Apr.	2 6887.5	May	18 6933.5
	1 6796.5		16 6842.5		3 6888.5		19 6934.5
	2 6797.5		17 6843.5		4 6889.5		20 6935.5
	3 6798.5		18 6844.5		5 6890.5		21 6936.5
	4 6799.5		19 6845.5		6 6891.5		22 6937.5
	5 6800.5		20 6846.5		7 6892.5		23 6938.5
	6 6801.5		21 6847.5		8 6893.5		24 6939.5
	7 6802.5		22 6848.5		9 6894.5		25 6940.5
	8 6803.5		23 6849.5		10 6895.5		26 6941.5
	9 6804.5		24 6850.5		11 6896.5		27 6942.5
	10 6805.5		25 6851.5		12 6897.5		28 6943.5
	11 6806.5		26 6852.5		13 6898.5		29 6944.5
	12 6807.5		27 6853.5		14 6899.5		30 6945.5
	13 6808.5		28 6854.5		15 6900.5		31 6946.5
	14 6809.5	Mar.	1 6855.5		16 6901.5	June	1 6947.5
	15 6810.5		2 6856.5		17 6902.5		2 6948.5
	16 6811.5		3 6857.5		18 6903.5		3 6949.5
	17 6812.5		4 6858.5		19 6904.5		4 6950.5
	18 6813.5		5 6859.5		20 6905.5		5 6951.5
	19 6814.5		6 6860.5		21 6906.5		6 6952.5
	20 6815.5		7 6861.5		22 6907.5		7 6953.5
	21 6816.5		8 6862.5		23 6908.5		8 6954.5
	22 6817.5		9 6863.5		24 6909.5		9 6955.5
	23 6818.5		10 6864.5		25 6910.5		10 6956.5
	24 6819.5		11 6865.5		26 6911.5		11 6957.5
	25 6820.5		12 6866.5		27 6912.5		12 6958.5
	26 6821.5		13 6867.5		28 6913.5		13 6959.5
	27 6822.5		14 6868.5		29 6914.5		14 6960.5
	28 6823.5		15 6869.5		30 6915.5		15 6961.5
	29 6824.5		16 6870.5	May	1 6916.5		16 6962.5
	30 6825.5		17 6871.5		2 6917.5		17 6963.5
	31 6826.5		18 6872.5		3 6918.5		18 6964.5
Feb.	1 6827.5		19 6873.5		4 6919.5		19 6965.5
	2 6828.5		20 6874.5		5 6920.5		20 6966.5
	3 6829.5		21 6875.5		6 6921.5		21 6967.5
	4 6830.5		22 6876.5		7 6922.5		22 6968.5
	5 6831.5		23 6877.5		8 6923.5		23 6969.5
	6 6832.5		24 6878.5		9 6924.5		24 6970.5
	7 6833.5		25 6879.5		10 6925.5		25 6971.5
	8 6834.5		26 6880.5		11 6926.5		26 6972.5
	9 6835.5		27 6881.5		12 6927.5		27 6973.5
	10 6836.5		28 6882.5		13 6928.5		28 6974.5
	11 6837.5		29 6883.5		14 6929.5		29 6975.5
	12 6838.5		30 6884.5		15 6930.5		30 6976.5
	13 6839.5		31 6885.5		16 6931.5	July	1 6977.5
	14 6840.5	Apr.	1 6886.5		17 6932.5		2 6978.5



## JULIAN DAYS, 1987

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>244</b>		<b>244</b>		<b>244</b>		<b>244</b>
July	1 6977.5	Aug.	16 7023.5	Oct.	1 7069.5	Nov.	16 7115.5
	2 6978.5		17 7024.5		2 7070.5		17 7116.5
	3 6979.5		18 7025.5		3 7071.5		18 7117.5
	4 6980.5		19 7026.5		4 7072.5		19 7118.5
	5 6981.5		20 7027.5		5 7073.5		20 7119.5
	6 6982.5		21 7028.5		6 7074.5		21 7120.5
	7 6983.5		22 7029.5		7 7075.5		22 7121.5
	8 6984.5		23 7030.5		8 7076.5		23 7122.5
	9 6985.5		24 7031.5		9 7077.5		24 7123.5
	10 6986.5		25 7032.5		10 7078.5		25 7124.5
	11 6987.5		26 7033.5		11 7079.5		26 7125.5
	12 6988.5		27 7034.5		12 7080.5		27 7126.5
	13 6989.5		28 7035.5		13 7081.5		28 7127.5
	14 6990.5		29 7036.5		14 7082.5		29 7128.5
	15 6991.5		30 7037.5		15 7083.5		30 7129.5
	16 6992.5		31 7038.5		16 7084.5	Dec.	1 7130.5
	17 6993.5	Sept.	1 7039.5		17 7085.5		2 7131.5
	18 6994.5		2 7040.5		18 7086.5		3 7132.5
	19 6995.5		3 7041.5		19 7087.5		4 7133.5
	20 6996.5		4 7042.5		20 7088.5		5 7134.5
	21 6997.5		5 7043.5		21 7089.5		6 7135.5
	22 6998.5		6 7044.5		22 7090.5		7 7136.5
	23 6999.5		7 7045.5		23 7091.5		8 7137.5
	24 7000.5		8 7046.5		24 7092.5		9 7138.5
	25 7001.5		9 7047.5		25 7093.5		10 7139.5
	26 7002.5		10 7048.5		26 7094.5		11 7140.5
	27 7003.5		11 7049.5		27 7095.5		12 7141.5
	28 7004.5		12 7050.5		28 7096.5		13 7142.5
	29 7005.5		13 7051.5		29 7097.5		14 7143.5
	30 7006.5		14 7052.5		30 7098.5		15 7144.5
	31 7007.5		15 7053.5		31 7099.5		16 7145.5
Aug.	1 7008.5		16 7054.5	Nov.	1 7100.5		17 7146.5
	2 7009.5		17 7055.5		2 7101.5		18 7147.5
	3 7010.5		18 7056.5		3 7102.5		19 7148.5
	4 7011.5		19 7057.5		4 7103.5		20 7149.5
	5 7012.5		20 7058.5		5 7104.5		21 7150.5
	6 7013.5		21 7059.5		6 7105.5		22 7151.5
	7 7014.5		22 7060.5		7 7106.5		23 7152.5
	8 7015.5		23 7061.5		8 7107.5		24 7153.5
	9 7016.5		24 7062.5		9 7108.5		25 7154.5
	10 7017.5		25 7063.5		10 7109.5		26 7155.5
	11 7018.5		26 7064.5		11 7110.5		27 7156.5
	12 7019.5		27 7065.5		12 7111.5		28 7157.5
	13 7020.5		28 7066.5		13 7112.5		29 7158.5
	14 7021.5		29 7067.5		14 7113.5		30 7159.5
	15 7022.5		30 7068.5		15 7114.5		31 7160.5

## JULIAN DAYS, 1988

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>244</b>		<b>244</b>		<b>244</b>		<b>244</b>
Jan.	0 7160.5	Feb.	15 7206.5	Apr.	1 7252.5	May	17 7298.5
	1 7161.5		16 7207.5		2 7253.5		18 7299.5
	2 7162.5		17 7208.5		3 7254.5		10 7300.5
	3 7163.5		18 7209.5		4 7255.5		20 7301.5
	4 7164.5		19 7210.5		5 7256.5		21 7302.5
	5 7165.5		20 7211.5		6 7257.5		22 7303.5
	6 7166.5		21 7212.5		7 7258.5		23 7304.5
	7 7167.5		22 7213.5		8 7259.5		24 7305.5
	8 7168.5		23 7214.5		9 7260.5		25 7306.5
	9 7169.5		24 7215.5		10 7261.5		26 7307.5
	10 7170.5		25 7216.5		11 7262.5		27 7308.5
	11 7171.5		26 7217.5		12 7263.5		28 7309.5
	12 7172.5		27 7218.5		13 7264.5		29 7310.5
	13 7173.5		28 7219.5		14 7265.5		30 7311.5
	14 7174.5		29 7220.5		15 7266.5		31 7312.5
	15 7175.5	Mar.	1 7221.5		16 7267.5	June	1 7313.5
	16 7176.5		2 7222.5		17 7268.5		2 7314.5
	17 7177.5		3 7223.5		18 7269.5		3 7315.5
	18 7178.5		4 7224.5		19 7270.5		4 7316.5
	19 7179.5		5 7225.5		20 7271.5		5 7317.5
	20 7180.5		6 7226.5		21 7272.5		6 7318.5
	21 7181.5		7 7227.5		22 7273.5		7 7319.5
	22 7182.5		8 7228.5		23 7274.5		8 7320.5
	23 7183.5		9 7229.5		24 7275.5		9 7321.5
	24 7184.5		10 7230.5		25 7276.5		10 7322.5
	25 7185.5		11 7231.5		26 7277.5		11 7323.5
	26 7186.5		12 7232.5		27 7278.5		12 7324.5
	27 7187.5		13 7233.5		28 7279.5		13 7325.5
	28 7188.5		14 7234.5		29 7280.5		14 7326.5
	29 7189.5		15 7235.5		30 7281.5		15 7327.5
	30 7190.5		16 7236.5	May	1 7282.5		16 7328.5
	31 7191.5		17 7237.5		2 7283.5		17 7329.5
Feb.	1 7192.5		18 7238.5		3 7284.5		18 7330.5
	2 7193.5		19 7239.5		4 7285.5		19 7331.5
	3 7194.5		20 7240.5		5 7286.5		20 7332.5
	4 7195.5		21 7241.5		6 7287.5		21 7333.5
	5 7196.5		22 7242.5		7 7288.5		22 7334.5
	6 7197.5		23 7243.5		8 7289.5		23 7335.5
	7 7198.5		24 7244.5		9 7290.5		24 7336.5
	8 7199.5		25 7245.5		10 7291.5		25 7337.5
	9 7200.5		26 7246.5		11 7292.5		26 7338.5
	10 7201.5		27 7247.5		12 7293.5		27 7339.5
	11 7202.5		28 7248.5		13 7294.5		28 7340.5
	12 7203.5		29 7249.5		14 7295.5		29 7341.5
	13 7204.5		30 7250.5		15 7296.5		30 7342.5
	14 7205.5		31 7251.5		16 7297.5	July	1 7343.5

## JULIAN DAYS, 1988

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>244</b>		<b>244</b>		<b>244</b>		<b>244</b>
July	1 7343.5	Aug.	16 7389.5	Oct.	1 7435.5	Nov.	16 7481.5
	2 7344.5		17 7390.5		2 7436.5		17 7482.5
	3 7345.5		18 7391.5		3 7437.5		18 7483.5
	4 7346.5		19 7392.5		4 7438.5		19 7484.5
	5 7347.5		20 7393.5		5 7439.5		20 7485.5
	6 7348.5		21 7394.5		6 7440.5		21 7486.5
	7 7349.5		22 7395.5		7 7441.5		22 7487.5
	8 7350.5		23 7396.5		8 7442.5		23 7488.5
	9 7351.5		24 7397.5		9 7443.5		24 7489.5
	10 7352.5		25 7398.5		10 7444.5		25 7490.5
	11 7353.5		26 7399.5		11 7445.5		26 7491.5
	12 7354.5		27 7400.5		12 7446.5		27 7492.5
	13 7355.5		28 7401.5		13 7447.5		28 7493.5
	14 7356.5		29 7402.5		14 7448.5		29 7494.5
	15 7357.5		30 7403.5		15 7449.5		30 7495.5
	16 7358.5		31 7404.5		16 7450.5	Dec.	1 7496.5
	17 7359.5	Sept.	1 7405.5		17 7451.5		2 7497.5
	18 7360.5		2 7406.5		18 7452.5		3 7498.5
	19 7361.5		3 7407.5		19 7453.5		4 7499.5
	20 7362.5		4 7408.5		20 7454.5		5 7500.5
	21 7363.5		5 7409.5		21 7455.5		6 7501.5
	22 7364.5		6 7410.5		22 7456.5		7 7502.5
	23 7365.5		7 7411.5		23 7457.5		8 7503.5
	24 7366.5		8 7412.5		24 7458.5		9 7504.5
	25 7367.5		9 7413.5		25 7459.5		10 7505.5
	26 7368.5		10 7414.5		26 7460.5		11 7506.5
	27 7369.5		11 7415.5		27 7461.5		12 7507.5
	28 7370.5		12 7416.5		28 7462.5		13 7508.5
	29 7371.5		13 7417.5		29 7463.5		14 7509.5
	30 7372.5		14 7418.5		30 7464.5		15 7510.5
	31 7373.5		15 7419.5		31 7465.5		16 7511.5
Aug.	1 7374.5		16 7420.5	Nov.	1 7466.5		17 7512.5
	2 7375.5		17 7421.5		2 7467.5		18 7513.5
	3 7376.5		18 7422.5		3 7468.5		19 7514.5
	4 7377.5		19 7423.5		4 7469.5		20 7515.5
	5 7378.5		20 7424.5		5 7470.5		21 7516.5
	6 7379.5		21 7425.5		6 7471.5		22 7517.5
	7 7380.5		22 7426.5		7 7472.5		23 7518.5
	8 7381.5		23 7427.5		8 7473.5		24 7519.5
	9 7382.5		24 7428.5		9 7474.5		25 7520.5
	10 7383.5		25 7429.5		10 7475.5		26 7521.5
	11 7384.5		26 7430.5		11 7476.5		27 7522.5
	12 7385.5		27 7431.5		12 7477.5		28 7523.5
	13 7386.5		28 7432.5		13 7478.5		29 7524.5
	14 7387.5		29 7433.5		14 7479.5		30 7525.5
	15 7388.5		30 7434.5		15 7480.5		31 7526.5

## JULIAN DAYS, 1989

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>244</b>		<b>244</b>		<b>244</b>		<b>244</b>
Jan.	0 7526.5	Feb.	15 7572.5	Apr.	2 7618.5	May	18 7664.5
	1 7527.5		16 7573.5		3 7619.5		19 7665.5
	2 7528.5		17 7574.5		4 7620.5		20 7666.5
	3 7529.5		18 7575.5		5 7621.5		21 7667.5
	4 7530.5		19 7576.5		6 7622.5		22 7668.5
	5 7531.5		20 7577.5		7 7623.5		23 7669.5
	6 7532.5		21 7578.5		8 7624.5		24 7670.5
	7 7533.5		22 7579.5		9 7625.5		25 7671.5
	8 7534.5		23 7580.5		10 7626.5		26 7672.5
	9 7535.5		24 7581.5		11 7627.5		27 7673.5
	10 7536.5		25 7582.5		12 7628.5		28 7674.5
	11 7537.5		26 7583.5		13 7629.5		29 7675.5
	12 7538.5		27 7584.5		14 7630.5		30 7676.5
	13 7539.5		28 7585.5		15 7631.5		31 7677.5
	14 7540.5	Mar.	1 7586.5		16 7632.5	June	1 7678.5
	15 7541.5		2 7587.5		17 7633.5		2 7679.5
	16 7542.5		3 7588.5		18 7634.5		3 7680.5
	17 7543.5		4 7589.5		19 7635.5		4 7681.5
	18 7544.5		5 7590.5		20 7636.5		5 7682.5
	19 7545.5		6 7591.5		21 7637.5		6 7683.5
	20 7546.5		7 7592.5		22 7638.5		7 7684.5
	21 7547.5		8 7593.5		23 7639.5		8 7685.5
	22 7548.5		9 7594.5		24 7640.5		9 7686.5
	23 7549.5		10 7595.5		25 7641.5		10 7687.5
	24 7550.5		11 7596.5		26 7642.5		11 7688.5
	25 7551.5		12 7597.5		27 7643.5		12 7689.5
	26 7552.5		13 7598.5		28 7644.5		13 7690.5
	27 7553.5		14 7599.5		29 7645.5		14 7691.5
	28 7554.5		15 7600.5		30 7646.5		15 7692.5
	29 7555.5		16 7601.5	May	1 7647.5		16 7693.5
	30 7556.5		17 7602.5		2 7648.5		17 7694.5
	31 7557.5		18 7603.5		3 7649.5		18 7695.5
Feb.	1 7558.5		19 7604.5		4 7650.5		19 7696.5
	2 7559.5		20 7605.5		5 7651.5		20 7697.5
	3 7560.5		21 7606.5		6 7652.5		21 7698.5
	4 7561.5		22 7607.5		7 7653.5		22 7699.5
	5 7562.5		23 7608.5		8 7654.5		23 7700.5
	6 7563.5		24 7609.5		9 7655.5		24 7701.5
	7 7564.5		25 7610.5		10 7656.5		25 7702.5
	8 7565.5		26 7611.5		11 7657.5		26 7703.5
	9 7566.5		27 7612.5		12 7658.5		27 7704.5
	10 7567.5		28 7613.5		13 7659.5		28 7705.5
	11 7568.5		29 7614.5		14 7660.5		29 7706.5
	12 7569.5		30 7615.5		15 7661.5		30 7707.5
	13 7570.5		31 7616.5		16 7662.5	July	1 7708.5
	14 7571.5	Apr.	1 7617.5		17 7663.5		2 7709.5

## JULIAN DAYS, 1989

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>244</b>		<b>244</b>		<b>244</b>		<b>244</b>
July	1 7708.5	Aug.	16 7754.5	Oct.	1 7800.5	Nov.	16 7846.5
	2 7709.5		17 7755.5		2 7801.5		17 7847.5
	3 7710.5		18 7756.5		3 7802.5		18 7848.5
	4 7711.5		19 7757.5		4 7803.5		19 7849.5
	5 7712.5		20 7758.5		5 7804.5		20 7850.5
	6 7713.5		21 7759.5		6 7805.5		21 7851.5
	7 7714.5		22 7760.5		7 7806.5		22 7852.5
	8 7715.5		23 7761.5		8 7807.5		23 7853.5
	9 7716.5		24 7762.5		9 7808.5		24 7854.5
	10 7717.5		25 7763.5		10 7809.5		25 7855.5
	11 7718.5		26 7764.5		11 7810.5		26 7856.5
	12 7719.5		27 7765.5		12 7811.5		27 7857.5
	13 7720.5		28 7766.5		13 7812.5		28 7858.5
	14 7721.5		29 7767.5		14 7813.5		29 7859.5
	15 7722.5		30 7768.5		15 7814.5		30 7860.5
	16 7723.5		31 7769.5		16 7815.5	Dec.	1 7861.5
	17 7724.5	Sept.	1 7770.5		17 7816.5		2 7862.5
	18 7725.5		2 7771.5		18 7817.5		3 7863.5
	19 7726.5		3 7772.5		19 7818.5		4 7864.5
	20 7727.5		4 7773.5		20 7819.5		5 7865.5
	21 7728.5		5 7774.5		21 7820.5		6 7866.5
	22 7729.5		6 7775.5		22 7821.5		7 7867.5
	23 7730.5		7 7776.5		23 7822.5		8 7868.5
	24 7731.5		8 7777.5		24 7823.5		9 7869.5
	25 7732.5		9 7778.5		25 7824.5		10 7870.5
	26 7733.5		10 7779.5		26 7825.5		11 7871.5
	27 7734.5		11 7780.5		27 7826.5		12 7872.5
	28 7735.5		12 7781.5		28 7827.5		13 7873.5
	29 7736.5		13 7782.5		29 7828.5		14 7874.5
	30 7737.5		14 7783.5		30 7829.5		15 7875.5
	31 7738.5		15 7784.5		31 7830.5		16 7876.5
Aug.	1 7739.5		16 7785.5	Nov.	1 7831.5		17 7877.5
	2 7740.5		17 7786.5		2 7832.5		18 7878.5
	3 7741.5		18 7787.5		3 7833.5		19 7879.5
	4 7742.5		19 7788.5		4 7834.5		20 7880.5
	5 7743.5		20 7789.5		5 7835.5		21 7881.5
	6 7744.5		21 7790.5		6 7836.5		22 7882.5
	7 7745.5		22 7791.5		7 7837.5		23 7883.5
	8 7746.5		23 7792.5		8 7838.5		24 7884.5
	9 7747.5		24 7793.5		9 7839.5		25 7885.5
	10 7748.5		25 7794.5		10 7840.5		26 7886.5
	11 7749.5		26 7795.5		11 7841.5		27 7887.5
	12 7750.5		27 7796.5		12 7842.5		28 7888.5
	13 7751.5		28 7797.5		13 7843.5		29 7889.5
	14 7752.5		29 7798.5		14 7844.5		30 7890.5
	15 7753.5		30 7799.5		15 7845.5		31 7891.5

## JULIAN DAYS, 1990

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>244</b>		<b>244</b>		<b>244</b>		<b>244</b>
Jan.	0 7891.5	Feb.	15 7937.5	Apr.	2 7983.5	May	18 8029.5
	1 7892.5		16 7938.5		3 7984.5		19 8030.5
	2 7893.5		17 7939.5		4 7985.5		20 8031.5
	3 7894.5		18 7940.5		5 7986.5		21 8032.5
	4 7895.5		19 7941.5		6 7987.5		22 8033.5
	5 7896.5		20 7942.5		7 7988.5		23 8034.5
	6 7897.5		21 7943.5		8 7989.5		24 8035.5
	7 7898.5		22 7944.5		9 7990.5		25 8036.5
	8 7899.5		23 7945.5		10 7991.5		26 8037.5
	9 7900.5		24 7946.5		11 7992.5		27 8038.5
	10 7901.5		25 7947.5		12 7993.5		28 8039.5
	11 7902.5		26 7948.5		13 7994.5		29 8040.5
	12 7903.5		27 7949.5		14 7995.5		30 8041.5
	13 7904.5		28 7950.5		15 7996.5		31 8042.5
	14 7905.5	Mar.	1 7951.5		16 7997.5	June	1 8043.5
	15 7906.5		2 7952.5		17 7998.5		2 8044.5
	16 7907.5		3 7953.5		18 7999.5		3 8045.5
	17 7908.5		4 7954.5		19 8000.5		4 8046.5
	18 7909.5		5 7955.5		20 8001.5		5 8047.5
	19 7910.5		6 7956.5		21 8002.5		6 8048.5
	20 7911.5		7 7957.5		22 8003.5		7 8049.5
	21 7912.5		8 7958.5		23 8004.5		8 8050.5
	22 7913.5		9 7959.5		24 8005.5		9 8051.5
	23 7914.5		10 7960.5		25 8006.5		10 8052.5
	24 7915.5		11 7961.5		26 8007.5		11 8053.5
	25 7916.5		12 7962.5		27 8008.5		12 8054.5
	26 7917.5		13 7963.5		28 8009.5		13 8055.5
	27 7918.5		14 7964.5		29 8010.5		14 8056.5
	28 7919.5		15 7965.5		30 8011.5		15 8057.5
	29 7920.5		16 7966.5	May	1 8012.5		16 8058.5
	30 7921.5		17 7967.5		2 8013.5		17 8059.5
	31 7922.5		18 7968.5		3 8014.5		18 8060.5
Feb.	1 7923.5		19 7969.5		4 8015.5		19 8061.5
	2 7924.5		20 7970.5		5 8016.5		20 8062.5
	3 7925.5		21 7971.5		6 8017.5		21 8063.5
	4 7926.5		22 7972.5		7 8018.5		22 8064.5
	5 7927.5		23 7973.5		8 8019.5		23 8065.5
	6 7928.5		24 7974.5		9 8020.5		24 8066.5
	7 7929.5		25 7975.5		10 8021.5		25 8067.5
	8 7930.5		26 7976.5		11 8022.5		26 8068.5
	9 7931.5		27 7977.5		12 8023.5		27 8069.5
	10 7932.5		28 7978.5		13 8024.5		28 8070.5
	11 7933.5		29 7979.5		14 8025.5		29 8071.5
	12 7934.5		30 7980.5		15 8026.5		30 8072.5
	13 7935.5		31 7981.5		16 8027.5	July	1 8073.5
	14 7936.5	Apr.	1 7982.5		17 8028.5		2 8074.5

## JULIAN DAYS, 1990

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day		
	<b>244</b>		<b>244</b>		<b>244</b>		<b>244</b>		
July	1	8073.5	Aug. 16	8119.5	Oct. 1	8165.5	Nov. 16	8211.5	
	2	8074.5		17	8120.5	2	8166.5	17	8212.5
	3	8075.5		18	8121.5	3	8167.5	18	8213.5
	4	8076.5		19	8122.5	4	8168.5	19	8214.5
	5	8077.5		20	8123.5	5	8169.5	20	8215.5
	6	8078.5		21	8124.5	6	8170.5	21	8216.5
	7	8079.5		22	8125.5	7	8171.5	22	8217.5
	8	8080.5		23	8126.5	8	8172.5	23	8218.5
	9	8081.5		24	8127.5	9	8173.5	24	8219.5
	10	8082.5		25	8128.5	10	8174.5	25	8220.5
	11	8083.5		26	8129.5	11	8175.5	26	8221.5
	12	8084.5		27	8130.5	12	8176.5	27	8222.5
	13	8085.5		28	8131.5	13	8177.5	28	8223.5
	14	8086.5		29	8132.5	14	8178.5	29	8224.5
	15	8087.5		30	8133.5	15	8179.5	30	8225.5
	16	8088.5		31	8134.5	16	8180.5	Dec. 1	8226.5
	17	8089.5	Sept. 1	8135.5	17	8181.5	2	8227.5	
	18	8090.5		2	8136.5	18	8182.5	3	8228.5
	19	8091.5		3	8137.5	19	8183.5	4	8229.5
	20	8092.5		4	8138.5	20	8184.5	5	8230.5
	21	8093.5		5	8139.5	21	8185.5	6	8231.5
	22	8094.5		6	8140.5	22	8186.5	7	8232.5
	23	8095.5		7	8141.5	23	8187.5	8	8233.5
	24	8096.5		8	8142.5	24	8188.5	9	8234.5
	25	8097.5		9	8143.5	25	8189.5	10	8235.5
	26	8098.5		10	8144.5	26	8190.5	11	8236.5
	27	8099.5		11	8145.5	27	8191.5	12	8237.5
	28	8100.5		12	8146.5	28	8192.5	13	8238.5
	29	8101.5		13	8147.5	29	8193.5	14	8239.5
	30	8102.5		14	8148.5	30	8194.5	15	8240.5
	31	8103.5		15	8149.5	31	8195.5	16	8241.5
Aug.	1	8104.5		16	8150.5	Nov. 1	8196.5	17	8242.5
	2	8105.5		17	8151.5	2	8197.5	18	8243.5
	3	8106.5		18	8152.5	3	8198.5	19	8244.5
	4	8107.5		19	8153.5	4	8199.5	20	8245.5
	5	8108.5		20	8154.5	5	8200.5	21	8246.5
	6	8109.5		21	8155.5	6	8201.5	22	8247.5
	7	8110.5		22	8156.5	7	8202.5	23	8248.5
	8	8111.5		23	8157.5	8	8203.5	24	8249.5
	9	8112.5		24	8158.5	9	8204.5	25	8250.5
	10	8113.5		25	8159.5	10	8205.5	26	8251.5
	11	8114.5		26	8160.5	11	8206.5	27	8252.5
	12	8115.5		27	8161.5	12	8207.5	28	8253.5
	13	8116.5		28	8162.5	13	8208.5	29	8254.5
	14	8117.5		29	8163.5	14	8209.5	30	8255.5
	15	8118.5		30	8164.5	15	8210.5	31	8256.5

## JULIAN DAYS, 1991

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>244</b>		<b>244</b>		<b>244</b>		<b>244</b>
Jan.	0 8256.5	Feb.	15 8302.5	Apr.	2 8348.5	May	18 8394.5
	1 8257.5		16 8303.5		3 8349.5		19 8395.5
	2 8258.5		17 8304.5		4 8350.5		20 8396.5
	3 8259.5		18 8305.5		5 8351.5		21 8397.5
	4 8260.5		19 8306.5		6 8352.5		22 8398.5
	5 8261.5		20 8307.5		7 8353.5		23 8399.5
	6 8262.5		21 8308.5		8 8354.5		24 8400.5
	7 8263.5		22 8309.5		9 8355.5		25 8401.5
	8 8264.5		23 8310.5		10 8356.5		26 8402.5
	9 8265.5		24 8311.5		11 8357.5		27 8403.5
	10 8266.5		25 8312.5		12 8358.5		28 8404.5
	11 8267.5		26 8313.5		13 8359.5		29 8405.5
	12 8268.5		27 8314.5		14 8360.5		30 8406.5
	13 8269.5		28 8315.5		15 8361.5		31 8407.5
	14 8270.5	Mar.	1 8316.5		16 8362.5	June	1 8408.5
	15 8271.5		2 8317.5		17 8363.5		2 8409.5
	16 8272.5		3 8318.5		18 8364.5		3 8410.5
	17 8273.5		4 8319.5		19 8365.5		4 8411.5
	18 8274.5		5 8320.5		20 8366.5		5 8412.5
	19 8275.5		6 8321.5		21 8367.5		6 8413.5
	20 8276.5		7 8322.5		22 8368.5		7 8414.5
	21 8277.5		8 8323.5		23 8369.5		8 8415.5
	22 8278.5		9 8324.5		24 8370.5		9 8416.5
	23 8279.5		10 8325.5		25 8371.5		10 8417.5
	24 8280.5		11 8326.5		26 8372.5		11 8418.5
	25 8281.5		12 8327.5		27 8373.5		12 8419.5
	26 8282.5		13 8328.5		28 8374.5		13 8420.5
	27 8283.5		14 8329.5		29 8375.5		14 8421.5
	28 8284.5		15 8330.5		30 8376.5		15 8422.5
	29 8285.5		16 8331.5	May	1 8377.5		16 8423.5
	30 8286.5		17 8332.5		2 8378.5		17 8424.5
	31 8287.5		18 8333.5		3 8379.5		18 8425.5
Feb.	1 8288.5		19 8334.5		4 8380.5		19 8426.5
	2 8289.5		20 8335.5		5 8381.5		20 8427.5
	3 8290.5		21 8336.5		6 8382.5		21 8428.5
	4 8291.5		22 8337.5		7 8383.5		22 8429.5
	5 8292.5		23 8338.5		8 8384.5		23 8430.5
	6 8293.5		24 8339.5		9 8385.5		24 8431.5
	7 8294.5		25 8340.5		10 8386.5		25 8432.5
	8 8295.5		26 8341.5		11 8387.5		26 8433.5
	9 8296.5		27 8342.5		12 8388.5		27 8434.5
	10 8297.5		28 8343.5		13 8389.5		28 8435.5
	11 8298.5		29 8344.5		14 8390.5		29 8436.5
	12 8299.5		30 8345.5		15 8391.5		30 8437.5
	13 8300.5		31 8346.5		16 8392.5	July	1 8438.5
	14 8301.5	Apr.	1 8347.5		17 8393.5		2 8439.5



# JULIAN DAYS, 1991

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>244</b>		<b>244</b>		<b>244</b>		<b>244</b>
July	1 8438.5	Aug.	16 8484.5	Oct.	1 8530.5	Nov.	16 8576.5
	2 8439.5		17 8485.5		2 8531.5		17 8577.5
	3 8440.5		18 8486.5		3 8532.5		18 8578.5
	4 8441.5		19 8487.5		4 8533.5		19 8579.5
	5 8442.5		20 8488.5		5 8534.5		20 8580.5
	6 8443.5		21 8489.5		6 8535.5		21 8581.5
	7 8444.5		22 8490.5		7 8536.5		22 8582.5
	8 8445.5		23 8491.5		8 8537.5		23 8583.5
	9 8446.5		24 8492.5		9 8538.5		24 8584.5
	10 8447.5		25 8493.5		10 8539.5		25 8585.5
	11 8448.5		26 8494.5		11 8540.5		26 8586.5
	12 8449.5		27 8495.5		12 8541.5		27 8587.5
	13 8450.5		28 8496.5		13 8542.5		28 8588.5
	14 8451.5		29 8497.5		14 8543.5		29 8589.5
	15 8452.5		30 8498.5		15 8544.5		30 8590.5
	16 8453.5		31 8499.5		16 8545.5	Dec.	1 8591.5
	17 8454.5	Sept.	1 8500.5		17 8546.5		2 8592.5
	18 8455.5		2 8501.5		18 8547.5		3 8593.5
	19 8456.5		3 8502.5		19 8548.5		4 8594.5
	20 8457.5		4 8503.5		20 8549.5		5 8595.5
	21 8458.5		5 8504.5		21 8550.5		6 8596.5
	22 8459.5		6 8505.5		22 8551.5		7 8597.5
	23 8460.5		7 8506.5		23 8552.5		8 8598.5
	24 8461.5		8 8507.5		24 8553.5		9 8599.5
	25 8462.5		9 8508.5		25 8554.5		10 8600.5
	26 8463.5		10 8509.5		26 8555.5		11 8601.5
	27 8464.5		11 8510.5		27 8556.5		12 8602.5
	28 8465.5		12 8511.5		28 8557.5		13 8603.5
	29 8466.5		13 8512.5		29 8558.5		14 8604.5
	30 8467.5		14 8513.5		30 8559.5		15 8605.5
	31 8468.5		15 8514.5		31 8560.5		16 8606.5
Aug.	1 8469.5		16 8515.5	Nov.	1 8561.5		17 8607.5
	2 8470.5		17 8516.5		2 8562.5		18 8608.5
	3 8471.5		18 8517.5		3 8563.5		19 8609.5
	4 8472.5		19 8518.5		4 8564.5		20 8610.5
	5 8473.5		20 8519.5		5 8565.5		21 8611.5
	6 8474.5		21 8520.5		6 8566.5		22 8612.5
	7 8475.5		22 8521.5		7 8567.5		23 8613.5
	8 8476.5		23 8522.5		8 8568.5		24 8614.5
	9 8477.5		24 8523.5		9 8569.5		25 8615.5
	10 8478.5		25 8524.5		10 8570.5		26 8616.5
	11 8479.5		26 8525.5		11 8571.5		27 8617.5
	12 8480.5		27 8526.5		12 8572.5		28 8618.5
	13 8481.5		28 8527.5		13 8573.5		29 8619.5
	14 8482.5		29 8528.5		14 8574.5		30 8620.5
	15 8483.5		30 8529.5		15 8575.5		31 8621.5

## JULIAN DAYS, 1992

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>244</b>		<b>244</b>		<b>244</b>		<b>244</b>
Jan.	0 <b>8621.5</b>	Feb.	15 <b>8667.5</b>	Apr.	1 <b>8713.5</b>	May	17 <b>8759.5</b>
	1 <b>8622.5</b>		16 <b>8668.5</b>		2 <b>8714.5</b>		18 <b>8760.5</b>
	2 <b>8623.5</b>		17 <b>8669.5</b>		3 <b>8715.5</b>		10 <b>8761.5</b>
	3 <b>8624.5</b>		18 <b>8670.5</b>		4 <b>8716.5</b>		20 <b>8762.5</b>
	4 <b>8625.5</b>		19 <b>8671.5</b>		5 <b>8717.5</b>		21 <b>8763.5</b>
	5 <b>8626.5</b>		20 <b>8672.5</b>		6 <b>8718.5</b>		22 <b>8764.5</b>
	6 <b>8627.5</b>		21 <b>8673.5</b>		7 <b>8719.5</b>		23 <b>8765.5</b>
	7 <b>8628.5</b>		22 <b>8674.5</b>		8 <b>8720.5</b>		24 <b>8766.5</b>
	8 <b>8629.5</b>		23 <b>8675.5</b>		9 <b>8721.5</b>		25 <b>8767.5</b>
	9 <b>8630.5</b>		24 <b>8676.5</b>		10 <b>8722.5</b>		26 <b>8768.5</b>
	10 <b>8631.5</b>		25 <b>8677.5</b>		11 <b>8723.5</b>		27 <b>8769.5</b>
	11 <b>8632.5</b>		26 <b>8678.5</b>		12 <b>8724.5</b>		28 <b>8770.5</b>
	12 <b>8633.5</b>		27 <b>8679.5</b>		13 <b>8725.5</b>		29 <b>8771.5</b>
	13 <b>8634.5</b>		28 <b>8680.5</b>		14 <b>8726.5</b>		30 <b>8772.5</b>
	14 <b>8635.5</b>		29 <b>8681.5</b>		15 <b>8727.5</b>		31 <b>8773.5</b>
	15 <b>8636.5</b>	Mar.	1 <b>8682.5</b>		16 <b>8728.5</b>	June	1 <b>8774.5</b>
	16 <b>8637.5</b>		2 <b>8683.5</b>		17 <b>8729.5</b>		2 <b>8775.5</b>
	17 <b>8638.5</b>		3 <b>8684.5</b>		18 <b>8730.5</b>		3 <b>8776.5</b>
	18 <b>8639.5</b>		4 <b>8685.5</b>		19 <b>8731.5</b>		4 <b>8777.5</b>
	19 <b>8640.5</b>		5 <b>8686.5</b>		20 <b>8732.5</b>		5 <b>8778.5</b>
	20 <b>8641.5</b>		6 <b>8687.5</b>		21 <b>8733.5</b>		6 <b>8779.5</b>
	21 <b>8642.5</b>		7 <b>8688.5</b>		22 <b>8734.5</b>		7 <b>8780.5</b>
	22 <b>8643.5</b>		8 <b>8689.5</b>		23 <b>8735.5</b>		8 <b>8781.5</b>
	23 <b>8644.5</b>		9 <b>8690.5</b>		24 <b>8736.5</b>		9 <b>8782.5</b>
	24 <b>8645.5</b>		10 <b>8691.5</b>		25 <b>8737.5</b>		10 <b>8783.5</b>
	25 <b>8646.5</b>		11 <b>8692.5</b>		26 <b>8738.5</b>		11 <b>8784.5</b>
	26 <b>8647.5</b>		12 <b>8693.5</b>		27 <b>8739.5</b>		12 <b>8785.5</b>
	27 <b>8648.5</b>		13 <b>8694.5</b>		28 <b>8740.5</b>		13 <b>8786.5</b>
	28 <b>8649.5</b>		14 <b>8695.5</b>		29 <b>8741.5</b>		14 <b>8787.5</b>
	29 <b>8650.5</b>		15 <b>8696.5</b>		30 <b>8742.5</b>		15 <b>8788.5</b>
	30 <b>8651.5</b>		16 <b>8697.5</b>	May	1 <b>8743.5</b>		16 <b>8789.5</b>
	31 <b>8652.5</b>		17 <b>8698.5</b>		2 <b>8744.5</b>		17 <b>8790.5</b>
Feb.	1 <b>8653.5</b>		18 <b>8699.5</b>		3 <b>8745.5</b>		18 <b>8791.5</b>
	2 <b>8654.5</b>		19 <b>8700.5</b>		4 <b>8746.5</b>		19 <b>8792.5</b>
	3 <b>8655.5</b>		20 <b>8701.5</b>		5 <b>8747.5</b>		20 <b>8793.5</b>
	4 <b>8656.5</b>		21 <b>8702.5</b>		6 <b>8748.5</b>		21 <b>8794.5</b>
	5 <b>8657.5</b>		22 <b>8703.5</b>		7 <b>8749.5</b>		22 <b>8795.5</b>
	6 <b>8658.5</b>		23 <b>8704.5</b>		8 <b>8750.5</b>		23 <b>8796.5</b>
	7 <b>8659.5</b>		24 <b>8705.5</b>		9 <b>8751.5</b>		24 <b>8797.5</b>
	8 <b>8660.5</b>		25 <b>8706.5</b>		10 <b>8752.5</b>		25 <b>8798.5</b>
	9 <b>8661.5</b>		26 <b>8707.5</b>		11 <b>8753.5</b>		26 <b>8799.5</b>
	10 <b>8662.5</b>		27 <b>8708.5</b>		12 <b>8754.5</b>		27 <b>8800.5</b>
	11 <b>8663.5</b>		28 <b>8709.5</b>		13 <b>8755.5</b>		28 <b>8801.5</b>
	12 <b>8664.5</b>		29 <b>8710.5</b>		14 <b>8756.5</b>		29 <b>8802.5</b>
	13 <b>8665.5</b>		30 <b>8711.5</b>		15 <b>8757.5</b>		30 <b>8803.5</b>
	14 <b>8666.5</b>		31 <b>8712.5</b>		16 <b>8758.5</b>	July	1 <b>8804.5</b>

## JULIAN DAYS, 1992

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>244</b>		<b>244</b>		<b>244</b>		<b>244</b>
July	1 8804.5	Aug.	16 8850.5	Oct.	1 8896.5	Nov.	16 8942.5
	2 8805.5		17 8851.5		2 8897.5		17 8943.5
	3 8806.5		18 8852.5		3 8898.5		18 8944.5
	4 8807.5		19 8853.5		4 8899.5		19 8945.5
	5 8808.5		20 8854.5		5 8900.5		20 8946.5
	6 8809.5		21 8855.5		6 8901.5		21 8947.5
	7 8810.5		22 8856.5		7 8902.5		22 8948.5
	8 8811.5		23 8857.5		8 8903.5		23 8949.5
	9 8812.5		24 8858.5		9 8904.5		24 8950.5
	10 8813.5		25 8859.5		10 8905.5		25 8951.5
	11 8814.5		26 8860.5		11 8906.5		26 8952.5
	12 8815.5		27 8861.5		12 8907.5		27 8953.5
	13 8816.5		28 8862.5		13 8908.5		28 8954.5
	14 8817.5		29 8863.5		14 8909.5		29 8955.5
	15 8818.5		30 8864.5		15 8910.5		30 8956.5
	16 8819.5		31 8865.5		16 8911.5	Dec.	1 8957.5
	17 8820.5	Sept.	1 8866.5		17 8912.5		2 8958.5
	18 8821.5		2 8867.5		18 8913.5		3 8959.5
	19 8822.5		3 8868.5		19 8914.5		4 8960.5
	20 8823.5		4 8869.5		20 8915.5		5 8961.5
	21 8824.5		5 8870.5		21 8916.5		6 8962.5
	22 8825.5		6 8871.5		22 8917.5		7 8963.5
	23 8826.5		7 8872.5		23 8918.5		8 8964.5
	24 8827.5		8 8873.5		24 8919.5		9 8965.5
	25 8828.5		9 8874.5		25 8920.5		10 8966.5
	26 8829.5		10 8875.5		26 8921.5		11 8967.5
	27 8830.5		11 8876.5		27 8922.5		12 8968.5
	28 8831.5		12 8877.5		28 8923.5		13 8969.5
	29 8832.5		13 8878.5		29 8924.5		14 8970.5
	30 8833.5		14 8879.5		30 8925.5		15 8971.5
	31 8834.5		15 8880.5		31 8926.5		16 8972.5
Aug.	1 8835.5		16 8881.5	Nov.	1 8927.5		17 8973.5
	2 8836.5		17 8882.5		2 8928.5		18 8974.5
	3 8837.5		18 8883.5		3 8929.5		19 8975.5
	4 8838.5		19 8884.5		4 8930.5		20 8976.5
	5 8839.5		20 8885.5		5 8931.5		21 8977.5
	6 8840.5		21 8886.5		6 8932.5		22 8978.5
	7 8841.5		22 8887.5		7 8933.5		23 8979.5
	8 8842.5		23 8888.5		8 8934.5		24 8980.5
	9 8843.5		24 8889.5		9 8935.5		25 8981.5
	10 8844.5		25 8890.5		10 8936.5		26 8982.5
	11 8845.5		26 8891.5		11 8937.5		27 8983.5
	12 8846.5		27 8892.5		12 8938.5		28 8984.5
	13 8847.5		28 8893.5		13 8939.5		29 8985.5
	14 8848.5		29 8894.5		14 8940.5		30 8986.5
	15 8849.5		30 8895.5		15 8941.5		31 8987.5

## JULIAN DAYS, 1993

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>244</b>		<b>244</b>		<b>244</b>		<b>244</b>
Jan.	0 8987.5	Feb.	15 9033.5	Apr.	2 9079.5	May	18 9125.5
	1 8988.5		16 9034.5		3 9080.5		19 9126.5
	2 8989.5		17 9035.5		4 9081.5		20 9127.5
	3 8990.5		18 9036.5		5 9082.5		21 9128.5
	4 8991.5		19 9037.5		6 9083.5		22 9129.5
	5 8992.5		20 9038.5		7 9084.5		23 9130.5
	6 8993.5		21 9039.5		8 9085.5		24 9131.5
	7 8994.5		22 9040.5		9 9086.5		25 9132.5
	8 8995.5		23 9041.5	10	9087.5		26 9133.5
	9 8996.5		24 9042.5	11	9088.5		27 9134.5
	10 8997.5		25 9043.5	12	9089.5		28 9135.5
	11 8998.5		26 9044.5	13	9090.5		29 9136.5
	12 8999.5		27 9045.5	14	9091.5		30 9137.5
	13 9000.5		28 9046.5	15	9092.5		31 9138.5
	14 9001.5	Mar.	1 9047.5	16	9093.5	June	1 9139.5
	15 9002.5		2 9048.5	17	9094.5		2 9140.5
	16 9003.5		3 9049.5	18	9095.5		3 9141.5
	17 9004.5		4 9050.5	19	9096.5		4 9142.5
	18 9005.5		5 9051.5	20	9097.5		5 9143.5
	19 9006.5		6 9052.5	21	9098.5		6 9144.5
	20 9007.5		7 9053.5	22	9099.5		7 9145.5
	21 9008.5		8 9054.5	23	9100.5		8 9146.5
	22 9009.5		9 9055.5	24	9101.5		9 9147.5
	23 9010.5		10 9056.5	25	9102.5		10 9148.5
	24 9011.5		11 9057.5	26	9103.5		11 9149.5
	25 9012.5		12 9058.5	27	9104.5		12 9150.5
	26 9013.5		13 9059.5	28	9105.5		13 9151.5
	27 9014.5		14 9060.5	29	9106.5		14 9152.5
	28 9015.5		15 9061.5	30	9107.5		15 9153.5
	29 9016.5		16 9062.5	May	1 9108.5		16 9154.5
	30 9017.5		17 9063.5		2 9109.5		17 9155.5
	31 9018.5		18 9064.5		3 9110.5		18 9156.5
Feb.	1 9019.5		19 9065.5		4 9111.5		19 9157.5
	2 9020.5		20 9066.5		5 9112.5		20 9158.5
	3 9021.5		21 9067.5		6 9113.5		21 9159.5
	4 9022.5		22 9068.5		7 9114.5		22 9160.5
	5 9023.5		23 9069.5		8 9115.5		23 9161.5
	6 9024.5		24 9070.5		9 9116.5		24 9162.5
	7 9025.5		25 9071.5		10 9117.5		25 9163.5
	8 9026.5		26 9072.5		11 9118.5		26 9164.5
	9 9027.5		27 9073.5		12 9119.5		27 9165.5
	10 9028.5		28 9074.5		13 9120.5		28 9166.5
	11 9029.5		29 9075.5		14 9121.5		29 9167.5
	12 9030.5		30 9076.5		15 9122.5		30 9168.5
	13 9031.5		31 9077.5		16 9123.5	July	1 9169.5
	14 9032.5	Apr.	1 9078.5		17 9124.5		2 9170.5

## JULIAN DAYS, 1993

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>244</b>		<b>244</b>		<b>244</b>		<b>244</b>
July	1 9169.5	Aug.	16 9215.5	Oct.	1 9261.5	Nov.	16 9307.5
	2 9170.5		17 9216.5		2 9262.5		17 9308.5
	3 9171.5		18 9217.5		3 9263.5		18 9309.5
	4 9172.5		19 9218.5		4 9264.5		19 9310.5
	5 9173.5		20 9219.5		5 9265.5		20 9311.5
	6 9174.5		21 9220.5		6 9266.5		21 9312.5
	7 9175.5		22 9221.5		7 9267.5		22 9313.5
	8 9176.5		23 9222.5		8 9268.5		23 9314.5
	9 9177.5		24 9223.5		9 9269.5		24 9315.5
	10 9178.5		25 9224.5		10 9270.5		25 9316.5
	11 9179.5		26 9225.5		11 9271.5		26 9317.5
	12 9180.5		27 9226.5		12 9272.5		27 9318.5
	13 9181.5		28 9227.5		13 9273.5		28 9319.5
	14 9182.5		29 9228.5		14 9274.5		29 9320.5
	15 9183.5		30 9229.5		15 9275.5		30 9321.5
	16 9184.5		31 9230.5		16 9276.5	Dec.	1 9322.5
	17 9185.5	Sept.	1 9231.5		17 9277.5		2 9323.5
	18 9186.5		2 9232.5		18 9278.5		3 9324.5
	19 9187.5		3 9233.5		19 9279.5		4 9325.5
	20 9188.5		4 9234.5		20 9280.5		5 9326.5
	21 9189.5		5 9235.5		21 9281.5		6 9327.5
	22 9190.5		6 9236.5		22 9282.5		7 9328.5
	23 9191.5		7 9237.5		23 9283.5		8 9329.5
	24 9192.5		8 9238.5		24 9284.5		9 9330.5
	25 9193.5		9 9239.5		25 9285.5		10 9331.5
	26 9194.5		10 9240.5		26 9286.5		11 9332.5
	27 9195.5		11 9241.5		27 9287.5		12 9333.5
	28 9196.5		12 9242.5		28 9288.5		13 9334.5
	29 9197.5		13 9243.5		29 9289.5		14 9335.5
	30 9198.5		14 9244.5		30 9290.5		15 9336.5
	31 9199.5		15 9245.5		31 9291.5		16 9337.5
Aug.	1 9200.5		16 9246.5	Nov.	1 9292.5		17 9338.5
	2 9201.5		17 9247.5		2 9293.5		18 9339.5
	3 9202.5		18 9248.5		3 9294.5		19 9340.5
	4 9203.5		19 9249.5		4 9295.5		20 9341.5
	5 9204.5		20 9250.5		5 9296.5		21 9342.5
	6 9205.5		21 9251.5		6 9297.5		22 9343.5
	7 9206.5		22 9252.5		7 9298.5		23 9344.5
	8 9207.5		23 9253.5		8 9299.5		24 9345.5
	9 9208.5		24 9254.5		9 9300.5		25 9346.5
	10 9209.5		25 9255.5		10 9301.5		26 9347.5
	11 9210.5		26 9256.5		11 9302.5		27 9348.5
	12 9211.5		27 9257.5		12 9303.5		28 9349.5
	13 9212.5		28 9258.5		13 9304.5		29 9350.5
	14 9213.5		29 9259.5		14 9305.5		30 9351.5
	15 9214.5		30 9260.5		15 9306.5		31 9352.5

## JULIAN DAYS, 1994

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>244</b>		<b>244</b>		<b>244</b>		<b>244</b>
Jan.	0 9352.5	Feb.	15 9398.5	Apr.	2 9444.5	May	18 9490.5
	1 9353.5		16 9399.5		3 9445.5		19 9491.5
	2 9354.5		17 9400.5		4 9446.5		20 9492.5
	3 9355.5		18 9401.5		5 9447.5		21 9493.5
	4 9356.5		19 9402.5		6 9448.5		22 9494.5
	5 9357.5		20 9403.5		7 9449.5		23 9495.5
	6 9358.5		21 9404.5		8 9450.5		24 9496.5
	7 9359.5		22 9405.5		9 9451.5		25 9497.5
	8 9360.5		23 9406.5		10 9452.5		26 9498.5
	9 9361.5		24 9407.5		11 9453.5		27 9499.5
	10 9362.5		25 9408.5		12 9454.5		28 9500.5
	11 9363.5		26 9409.5		13 9455.5		29 9501.5
	12 9364.5		27 9410.5		14 9456.5		30 9502.5
	13 9365.5		28 9411.5		15 9457.5		31 9503.5
	14 9366.5	Mar.	1 9412.5		16 9458.5	June	1 9504.5
	15 9367.5		2 9413.5		17 9459.5		2 9505.5
	16 9368.5		3 9414.5		18 9460.5		3 9506.5
	17 9369.5		4 9415.5		19 9461.5		4 9507.5
	18 9370.5		5 9416.5		20 9462.5		5 9508.5
	19 9371.5		6 9417.5		21 9463.5		6 9509.5
	20 9372.5		7 9418.5		22 9464.5		7 9510.5
	21 9373.5		8 9419.5		23 9465.5		8 9511.5
	22 9374.5		9 9420.5		24 9466.5		9 9512.5
	23 9375.5		10 9421.5		25 9467.5		10 9513.5
	24 9376.5		11 9422.5		26 9468.5		11 9514.5
	25 9377.5		12 9423.5		27 9469.5		12 9515.5
	26 9378.5		13 9424.5		28 9470.5		13 9516.5
	27 9379.5		14 9425.5		29 9471.5		14 9517.5
	28 9380.5		15 9426.5		30 9472.5		15 9518.5
	29 9381.5		16 9427.5	May	1 9473.5		16 9519.5
	30 9382.5		17 9428.5		2 9474.5		17 9520.5
	31 9383.5		18 9429.5		3 9475.5		18 9521.5
Feb.	1 9384.5		19 9430.5		4 9476.5		19 9522.5
	2 9385.5		20 9431.5		5 9477.5		20 9523.5
	3 9386.5		21 9432.5		6 9478.5		21 9524.5
	4 9387.5		22 9433.5		7 9479.5		22 9525.5
	5 9388.5		23 9434.5		8 9480.5		23 9526.5
	6 9389.5		24 9435.5		9 9481.5		24 9527.5
	7 9390.5		25 9436.5		10 9482.5		25 9528.5
	8 9391.5		26 9437.5		11 9483.5		26 9529.5
	9 9392.5		27 9438.5		12 9484.5		27 9530.5
	10 9393.5		28 9439.5		13 9485.5		28 9531.5
	11 9394.5		29 9440.5		14 9486.5		29 9532.5
	12 9395.5		30 9441.5		15 9487.5		30 9533.5
	13 9396.5		31 9442.5		16 9488.5	July	1 9534.5
	14 9397.5	Apr.	1 9443.5		17 9489.5		2 9535.5

## JULIAN DAYS, 1994

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>244</b>		<b>244</b>		<b>244</b>		<b>244</b>
July	1 9534.5	Aug.	16 9580.5	Oct.	1 9626.5	Nov.	16 9672.5
	2 9535.5		17 9581.5		2 9627.5		17 9673.5
	3 9536.5		18 9582.5		3 9628.5		18 9674.5
	4 9537.5		19 9583.5		4 9629.5		19 9675.5
	5 9538.5		20 9584.5		5 9630.5		20 9676.5
	6 9539.5		21 9585.5		6 9631.5		21 9677.5
	7 9540.5		22 9586.5		7 9632.5		22 9678.5
	8 9541.5		23 9587.5		8 9633.5		23 9679.5
	9 9542.5		24 9588.5		9 9634.5		24 9680.5
	10 9543.5		25 9589.5		10 9635.5		25 9681.5
	11 9544.5		26 9590.5		11 9636.5		26 9682.5
	12 9545.5		27 9591.5		12 9637.5		27 9683.5
	13 9546.5		28 9592.5		13 9638.5		28 9684.5
	14 9547.5		29 9593.5		14 9639.5		29 9685.5
	15 9548.5		30 9594.5		15 9640.5		30 9686.5
	16 9549.5		31 9595.5		16 9641.5	Dec.	1 9687.5
	17 9550.5	Sept.	1 9596.5		17 9642.5		2 9688.5
	18 9551.5		2 9597.5		18 9643.5		3 9689.5
	19 9552.5		3 9598.5		19 9644.5		4 9690.5
	20 9553.5		4 9599.5		20 9645.5		5 9691.5
	21 9554.5		5 9600.5		21 9646.5		6 9692.5
	22 9555.5		6 9601.5		22 9647.5		7 9693.5
	23 9556.5		7 9602.5		23 9648.5		8 9694.5
	24 9557.5		8 9603.5		24 9649.5		9 9695.5
	25 9558.5		9 9604.5		25 9650.5		10 9696.5
	26 9559.5		10 9605.5		26 9651.5		11 9697.5
	27 9560.5		11 9606.5		27 9652.5		12 9698.5
	28 9561.5		12 9607.5		28 9653.5		13 9699.5
	29 9562.5		13 9608.5		29 9654.5		14 9700.5
	30 9563.5		14 9609.5		30 9655.5		15 9701.5
	31 9564.5		15 9610.5		31 9656.5		16 9702.5
Aug.	1 9565.5		16 9611.5	Nov.	1 9657.5		17 9703.5
	2 9566.5		17 9612.5		2 9658.5		18 9704.5
	3 9567.5		18 9613.5		3 9659.5		19 9705.5
	4 9568.5		19 9614.5		4 9660.5		20 9706.5
	5 9569.5		20 9615.5		5 9661.5		21 9707.5
	6 9570.5		21 9616.5		6 9662.5		22 9708.5
	7 9571.5		22 9617.5		7 9663.5		23 9709.5
	8 9572.5		23 9618.5		8 9664.5		24 9710.5
	9 9573.5		24 9619.5		9 9665.5		25 9711.5
	10 9574.5		25 9620.5		10 9666.5		26 9712.5
	11 9575.5		26 9621.5		11 9667.5		27 9713.5
	12 9576.5		27 9622.5		12 9668.5		28 9714.5
	13 9577.5		28 9623.5		13 9669.5		29 9715.5
	14 9578.5		29 9624.5		14 9670.5		30 9716.5
	15 9579.5		30 9625.5		15 9671.5		31 9717.5

## JULIAN DAYS, 1995

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>244</b>		<b>244</b>		<b>244</b>		<b>244</b>
Jan.	0 9717.5	Feb.	15 9763.5	Apr.	2 9809.5	May	18 9855.5
	1 9718.5		16 9764.5		3 9810.5		19 9856.5
	2 9719.5		17 9765.5		4 9811.5		20 9857.5
	3 9720.5		18 9766.5		5 9812.5		21 9858.5
	4 9721.5		19 9767.5		6 9813.5		22 9859.5
	5 9722.5		20 9768.5		7 9814.5		23 9860.5
	6 9723.5		21 9769.5		8 9815.5		24 9861.5
	7 9724.5		22 9770.5		9 9816.5		25 9862.5
	8 9725.5		23 9771.5		10 9817.5		26 9863.5
	9 9726.5		24 9772.5		11 9818.5		27 9864.5
	10 9727.5		25 9773.5		12 9819.5		28 9865.5
	11 9728.5		26 9774.5		13 9820.5		29 9866.5
	12 9729.5		27 9775.5		14 9821.5		30 9867.5
	13 9730.5		28 9776.5		15 9822.5		31 9868.5
	14 9731.5	Mar.	1 9777.5		16 9823.5	June	1 9869.5
	15 9732.5		2 9778.5		17 9824.5		2 9870.5
	16 9733.5		3 9779.5		18 9825.5		3 9871.5
	17 9734.5		4 9780.5		19 9826.5		4 9872.5
	18 9735.5		5 9781.5		20 9827.5		5 9873.5
	19 9736.5		6 9782.5		21 9828.5		6 9874.5
	20 9737.5		7 9783.5		22 9829.5		7 9875.5
	21 9738.5		8 9784.5		23 9830.5		8 9876.5
	22 9739.5		9 9785.5		24 9831.5		9 9877.5
	23 9740.5		10 9786.5		25 9832.5		10 9878.5
	24 9741.5		11 9787.5		26 9833.5		11 9879.5
	25 9742.5		12 9788.5		27 9834.5		12 9880.5
	26 9743.5		13 9789.5		28 9835.5		13 9881.5
	27 9744.5		14 9790.5		29 9836.5		14 9882.5
	28 9745.5		15 9791.5		30 9837.5		15 9883.5
	29 9746.5		16 9792.5	May	1 9838.5		16 9884.5
	30 9747.5		17 9793.5		2 9839.5		17 9885.5
	31 9748.5		18 9794.5		3 9840.5		18 9886.5
Feb.	1 9749.5		19 9795.5		4 9841.5		19 9887.5
	2 9750.5		20 9796.5		5 9842.5		20 9888.5
	3 9751.5		21 9797.5		6 9843.5		21 9889.5
	4 9752.5		22 9798.5		7 9844.5		22 9890.5
	5 9753.5		23 9799.5		8 9845.5		23 9891.5
	6 9754.5		24 9800.5		9 9846.5		24 9892.5
	7 9755.5		25 9801.5		10 9847.5		25 9893.5
	8 9756.5		26 9802.5		11 9848.5		26 9894.5
	9 9757.5		27 9803.5		12 9849.5		27 9895.5
	10 9758.5		28 9804.5		13 9850.5		28 9896.5
	11 9759.5		29 9805.5		14 9851.5		29 9897.5
	12 9760.5		30 9806.5		15 9852.5		30 9898.5
	13 9761.5		31 9807.5		16 9853.5	July	1 9899.5
	14 9762.5	Apr.	1 9808.5		17 9854.5		2 9900.5



## JULIAN DAYS, 1995

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>244</b>		<b>244</b>		<b>244/5</b>		<b>245</b>
July	1 9899.5	Aug.	16 9945.5	Oct.	1 9991.5	Nov.	16 0037.5
	2 9900.5		17 9946.5		2 9992.5		17 0038.5
	3 9901.5		18 9947.5		3 9993.5		18 0039.5
	4 9902.5		19 9948.5		4 9994.5		19 0040.5
	5 9903.5		20 9949.5		5 9995.5		20 0041.5
	6 9904.5		21 9950.5		6 9996.5		21 0042.5
	7 9905.5		22 9951.5		7 9997.5		22 0043.5
	8 9906.5		23 9952.5		8 9998.5		23 0044.5
	9 9907.5		24 9953.5		9 9999.5		24 0045.5
	10 9908.5		25 9954.5		10 0000.5		25 0046.5
	11 9909.5		26 9955.5		11 0001.5		26 0047.5
	12 9910.5		27 9956.5		12 0002.5		27 0048.5
	13 9911.5		28 9957.5		13 0003.5		28 0049.5
	14 9912.5		29 9958.5		14 0004.5		29 0050.5
	15 9913.5		30 9959.5		15 0005.5		30 0051.5
	16 9914.5		31 9960.5		16 0006.5	Dec.	1 0052.5
	17 9915.5	Sept.	1 9961.5		17 0007.5		2 0053.5
	18 9916.5		2 9962.5		18 0008.5		3 0054.5
	19 9917.5		3 9963.5		19 0009.5		4 0055.5
	20 9918.5		4 9964.5		20 0010.5		5 0056.5
	21 9919.5		5 9965.5		21 0011.5		6 0057.5
	22 9920.5		6 9966.5		22 0012.5		7 0058.5
	23 9921.5		7 9967.5		23 0013.5		8 0059.5
	24 9922.5		8 9968.5		24 0014.5		9 0060.5
	25 9923.5		9 9969.5		25 0015.5		10 0061.5
	26 9924.5		10 9970.5		26 0016.5		11 0062.5
	27 9925.5		11 9971.5		27 0017.5		12 0063.5
	28 9926.5		12 9972.5		28 0018.5		13 0064.5
	29 9927.5		13 9973.5		29 0019.5		14 0065.5
	30 9928.5		14 9974.5		30 0020.5		15 0066.5
	31 9929.5		15 9975.5		31 0021.5		16 0067.5
Aug.	1 9930.5		16 9976.5	Nov.	1 0022.5		17 0068.5
	2 9931.5		17 9977.5		2 0023.5		18 0069.5
	3 9932.5		18 9978.5		3 0024.5		19 0070.5
	4 9933.5		19 9979.5		4 0025.5		20 0071.5
	5 9934.5		20 9980.5		5 0026.5		21 0072.5
	6 9935.5		21 9981.5		6 0027.5		22 0073.5
	7 9936.5		22 9982.5		7 0028.5		23 0074.5
	8 9937.5		23 9983.5		8 0029.5		24 0075.5
	9 9938.5		24 9984.5		9 0030.5		25 0076.5
	10 9939.5		25 9985.5		10 0031.5		26 0077.5
	11 9940.5		26 9986.5		11 0032.5		27 0078.5
	12 9941.5		27 9987.5		12 0033.5		28 0079.5
	13 9942.5		28 9988.5		13 0034.5		29 0080.5
	14 9943.5		29 9989.5		14 0035.5		30 0081.5
	15 9944.5		30 9990.5		15 0036.5		31 0082.5

## JULIAN DAYS, 1996

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>245</b>		<b>245</b>		<b>245</b>		<b>245</b>
Jan.	0 <b>0082.5</b>	Feb.	15 <b>0128.5</b>	Apr.	1 <b>0174.5</b>	May	17 <b>0220.5</b>
	1 <b>0083.5</b>		16 <b>0129.5</b>		2 <b>0175.5</b>		18 <b>0221.5</b>
	2 <b>0084.5</b>		17 <b>0130.5</b>		3 <b>0176.5</b>		10 <b>0222.5</b>
	3 <b>0085.5</b>		18 <b>0131.5</b>		4 <b>0177.5</b>		20 <b>0223.5</b>
	4 <b>0086.5</b>		19 <b>0132.5</b>		5 <b>0178.5</b>		21 <b>0224.5</b>
	5 <b>0087.5</b>		20 <b>0133.5</b>		6 <b>0179.5</b>		22 <b>0225.5</b>
	6 <b>0088.5</b>		21 <b>0134.5</b>		7 <b>0180.5</b>		23 <b>0226.5</b>
	7 <b>0089.5</b>		22 <b>0135.5</b>		8 <b>0181.5</b>		24 <b>0227.5</b>
	8 <b>0090.5</b>		23 <b>0136.5</b>		9 <b>0182.5</b>		25 <b>0228.5</b>
	9 <b>0091.5</b>		24 <b>0137.5</b>		10 <b>0183.5</b>		26 <b>0229.5</b>
	10 <b>0092.5</b>		25 <b>0138.5</b>		11 <b>0184.5</b>		27 <b>0230.5</b>
	11 <b>0093.5</b>		26 <b>0139.5</b>		12 <b>0185.5</b>		28 <b>0231.5</b>
	12 <b>0094.5</b>		27 <b>0140.5</b>		13 <b>0186.5</b>		29 <b>0232.5</b>
	13 <b>0095.5</b>		28 <b>0141.5</b>		14 <b>0187.5</b>		30 <b>0233.5</b>
	14 <b>0096.5</b>		29 <b>0142.5</b>		15 <b>0188.5</b>		31 <b>0234.5</b>
	15 <b>0097.5</b>	Mar.	1 <b>0143.5</b>		16 <b>0189.5</b>	June	1 <b>0235.5</b>
	16 <b>0098.5</b>		2 <b>0144.5</b>		17 <b>0190.5</b>		2 <b>0236.5</b>
	17 <b>0099.5</b>		3 <b>0145.5</b>		18 <b>0191.5</b>		3 <b>0237.5</b>
	18 <b>0100.5</b>		4 <b>0146.5</b>		19 <b>0192.5</b>		4 <b>0238.5</b>
	19 <b>0101.5</b>		5 <b>0147.5</b>		20 <b>0193.5</b>		5 <b>0239.5</b>
	20 <b>0102.5</b>		6 <b>0148.5</b>		21 <b>0194.5</b>		6 <b>0240.5</b>
	21 <b>0103.5</b>		7 <b>0149.5</b>		22 <b>0195.5</b>		7 <b>0241.5</b>
	22 <b>0104.5</b>		8 <b>0150.5</b>		23 <b>0196.5</b>		8 <b>0242.5</b>
	23 <b>0105.5</b>		9 <b>0151.5</b>		24 <b>0197.5</b>		9 <b>0243.5</b>
	24 <b>0106.5</b>		10 <b>0152.5</b>		25 <b>0198.5</b>		10 <b>0244.5</b>
	25 <b>0107.5</b>		11 <b>0153.5</b>		26 <b>0199.5</b>		11 <b>0245.5</b>
	26 <b>0108.5</b>		12 <b>0154.5</b>		27 <b>0200.5</b>		12 <b>0246.5</b>
	27 <b>0109.5</b>		13 <b>0155.5</b>		28 <b>0201.5</b>		13 <b>0247.5</b>
	28 <b>0110.5</b>		14 <b>0156.5</b>		29 <b>0202.5</b>		14 <b>0248.5</b>
	29 <b>0111.5</b>		15 <b>0157.5</b>		30 <b>0203.5</b>		15 <b>0249.5</b>
	30 <b>0112.5</b>		16 <b>0158.5</b>	May	1 <b>0204.5</b>		16 <b>0250.5</b>
	31 <b>0113.5</b>		17 <b>0159.5</b>		2 <b>0205.5</b>		17 <b>0251.5</b>
Feb.	1 <b>0114.5</b>		18 <b>0160.5</b>		3 <b>0206.5</b>		18 <b>0252.5</b>
	2 <b>0115.5</b>		19 <b>0161.5</b>		4 <b>0207.5</b>		19 <b>0253.5</b>
	3 <b>0116.5</b>		20 <b>0162.5</b>		5 <b>0208.5</b>		20 <b>0254.5</b>
	4 <b>0117.5</b>		21 <b>0163.5</b>		6 <b>0209.5</b>		21 <b>0255.5</b>
	5 <b>0118.5</b>		22 <b>0164.5</b>		7 <b>0210.5</b>		22 <b>0256.5</b>
	6 <b>0119.5</b>		23 <b>0165.5</b>		8 <b>0211.5</b>		23 <b>0257.5</b>
	7 <b>0120.5</b>		24 <b>0166.5</b>		9 <b>0212.5</b>		24 <b>0258.5</b>
	8 <b>0121.5</b>		25 <b>0167.5</b>		10 <b>0213.5</b>		25 <b>0259.5</b>
	9 <b>0122.5</b>		26 <b>0168.5</b>		11 <b>0214.5</b>		26 <b>0260.5</b>
	10 <b>0123.5</b>		27 <b>0169.5</b>		12 <b>0215.5</b>		27 <b>0261.5</b>
	11 <b>0124.5</b>		28 <b>0170.5</b>		13 <b>0216.5</b>		28 <b>0262.5</b>
	12 <b>0125.5</b>		29 <b>0171.5</b>		14 <b>0217.5</b>		29 <b>0263.5</b>
	13 <b>0126.5</b>		30 <b>0172.5</b>		15 <b>0218.5</b>		30 <b>0264.5</b>
	14 <b>0127.5</b>		31 <b>0173.5</b>		16 <b>0219.5</b>	July	1 <b>0265.5</b>

# JULIAN DAYS, 1996

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>245</b>		<b>245</b>		<b>245</b>		<b>245</b>
July	1 <b>0265.5</b>	Aug.	16 <b>0311.5</b>	Oct.	1 <b>0357.5</b>	Nov.	16 <b>0403.5</b>
	2 <b>0266.5</b>		17 <b>0312.5</b>		2 <b>0358.5</b>		17 <b>0404.5</b>
	3 <b>0267.5</b>		18 <b>0313.5</b>		3 <b>0359.5</b>		18 <b>0405.5</b>
	4 <b>0268.5</b>		19 <b>0314.5</b>		4 <b>0360.5</b>		19 <b>0406.5</b>
	5 <b>0269.5</b>		20 <b>0315.5</b>		5 <b>0361.5</b>		20 <b>0407.5</b>
	6 <b>0270.5</b>		21 <b>0316.5</b>		6 <b>0362.5</b>		21 <b>0408.5</b>
	7 <b>0271.5</b>		22 <b>0317.5</b>		7 <b>0363.5</b>		22 <b>0409.5</b>
	8 <b>0272.5</b>		23 <b>0318.5</b>		8 <b>0364.5</b>		23 <b>0410.5</b>
	9 <b>0273.5</b>		24 <b>0319.5</b>		9 <b>0365.5</b>		24 <b>0411.5</b>
	10 <b>0274.5</b>		25 <b>0320.5</b>		10 <b>0366.5</b>		25 <b>0412.5</b>
	11 <b>0275.5</b>		26 <b>0321.5</b>		11 <b>0367.5</b>		26 <b>0413.5</b>
	12 <b>0276.5</b>		27 <b>0322.5</b>		12 <b>0368.5</b>		27 <b>0414.5</b>
	13 <b>0277.5</b>		28 <b>0323.5</b>		13 <b>0369.5</b>		28 <b>0415.5</b>
	14 <b>0278.5</b>		29 <b>0324.5</b>		14 <b>0370.5</b>		29 <b>0416.5</b>
	15 <b>0279.5</b>		30 <b>0325.5</b>		15 <b>0371.5</b>		30 <b>0417.5</b>
	16 <b>0280.5</b>		31 <b>0326.5</b>		16 <b>0372.5</b>	Dec.	1 <b>0418.5</b>
	17 <b>0281.5</b>	Sept.	1 <b>0327.5</b>		17 <b>0373.5</b>		2 <b>0419.5</b>
	18 <b>0282.5</b>		2 <b>0328.5</b>		18 <b>0374.5</b>		3 <b>0420.5</b>
	19 <b>0283.5</b>		3 <b>0329.5</b>		19 <b>0375.5</b>		4 <b>0421.5</b>
	20 <b>0284.5</b>		4 <b>0330.5</b>		20 <b>0376.5</b>		5 <b>0422.5</b>
	21 <b>0285.5</b>		5 <b>0331.5</b>		21 <b>0377.5</b>		6 <b>0423.5</b>
	22 <b>0286.5</b>		6 <b>0332.5</b>		22 <b>0378.5</b>		7 <b>0424.5</b>
	23 <b>0287.5</b>		7 <b>0333.5</b>		23 <b>0379.5</b>		8 <b>0425.5</b>
	24 <b>0288.5</b>		8 <b>0334.5</b>		24 <b>0380.5</b>		9 <b>0426.5</b>
	25 <b>0289.5</b>		9 <b>0335.5</b>		25 <b>0381.5</b>		10 <b>0427.5</b>
	26 <b>0290.5</b>		10 <b>0336.5</b>		26 <b>0382.5</b>		11 <b>0428.5</b>
	27 <b>0291.5</b>		11 <b>0337.5</b>		27 <b>0383.5</b>		12 <b>0429.5</b>
	28 <b>0292.5</b>		12 <b>0338.5</b>		28 <b>0384.5</b>		13 <b>0430.5</b>
	29 <b>0293.5</b>		13 <b>0339.5</b>		29 <b>0385.5</b>		14 <b>0431.5</b>
	30 <b>0294.5</b>		14 <b>0340.5</b>		30 <b>0386.5</b>		15 <b>0432.5</b>
	31 <b>0295.5</b>		15 <b>0341.5</b>		31 <b>0387.5</b>		16 <b>0433.5</b>
Aug.	1 <b>0296.5</b>		16 <b>0342.5</b>	Nov.	1 <b>0388.5</b>		17 <b>0434.5</b>
	2 <b>0297.5</b>		17 <b>0343.5</b>		2 <b>0389.5</b>		18 <b>0435.5</b>
	3 <b>0298.5</b>		18 <b>0344.5</b>		3 <b>0390.5</b>		19 <b>0436.5</b>
	4 <b>0299.5</b>		19 <b>0345.5</b>		4 <b>0391.5</b>		20 <b>0437.5</b>
	5 <b>0300.5</b>		20 <b>0346.5</b>		5 <b>0392.5</b>		21 <b>0438.5</b>
	6 <b>0301.5</b>		21 <b>0347.5</b>		6 <b>0393.5</b>		22 <b>0439.5</b>
	7 <b>0302.5</b>		22 <b>0348.5</b>		7 <b>0394.5</b>		23 <b>0440.5</b>
	8 <b>0303.5</b>		23 <b>0349.5</b>		8 <b>0395.5</b>		24 <b>0441.5</b>
	9 <b>0304.5</b>		24 <b>0350.5</b>		9 <b>0396.5</b>		25 <b>0442.5</b>
	10 <b>0305.5</b>		25 <b>0351.5</b>		10 <b>0397.5</b>		26 <b>0443.5</b>
	11 <b>0306.5</b>		26 <b>0352.5</b>		11 <b>0398.5</b>		27 <b>0444.5</b>
	12 <b>0307.5</b>		27 <b>0353.5</b>		12 <b>0399.5</b>		28 <b>0445.5</b>
	13 <b>0308.5</b>		28 <b>0354.5</b>		13 <b>0400.5</b>		29 <b>0446.5</b>
	14 <b>0309.5</b>		29 <b>0355.5</b>		14 <b>0401.5</b>		30 <b>0447.5</b>
	15 <b>0310.5</b>		30 <b>0356.5</b>		15 <b>0402.5</b>		31 <b>0448.5</b>

## JULIAN DAYS, 1997

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>245</b>		<b>245</b>		<b>245</b>		<b>245</b>
Jan.	0 <b>0448.5</b>	Feb.	15 <b>0494.5</b>	Apr.	2 <b>0540.5</b>	May	18 <b>0586.5</b>
	1 <b>0449.5</b>		16 <b>0495.5</b>		3 <b>0541.5</b>		19 <b>0587.5</b>
	2 <b>0450.5</b>		17 <b>0496.5</b>		4 <b>0542.5</b>		20 <b>0588.5</b>
	3 <b>0451.5</b>		18 <b>0497.5</b>		5 <b>0543.5</b>		21 <b>0589.5</b>
	4 <b>0452.5</b>		19 <b>0498.5</b>		6 <b>0544.5</b>		22 <b>0590.5</b>
	5 <b>0453.5</b>		20 <b>0499.5</b>		7 <b>0545.5</b>		23 <b>0591.5</b>
	6 <b>0454.5</b>		21 <b>0500.5</b>		8 <b>0546.5</b>		24 <b>0592.5</b>
	7 <b>0455.5</b>		22 <b>0501.5</b>		9 <b>0547.5</b>		25 <b>0593.5</b>
	8 <b>0456.5</b>		23 <b>0502.5</b>		10 <b>0548.5</b>		26 <b>0594.5</b>
	9 <b>0457.5</b>		24 <b>0503.5</b>		11 <b>0549.5</b>		27 <b>0595.5</b>
	10 <b>0458.5</b>		25 <b>0504.5</b>		12 <b>0550.5</b>		28 <b>0596.5</b>
	11 <b>0459.5</b>		26 <b>0505.5</b>		13 <b>0551.5</b>		29 <b>0597.5</b>
	12 <b>0460.5</b>		27 <b>0506.5</b>		14 <b>0552.5</b>		30 <b>0598.5</b>
	13 <b>0461.5</b>		28 <b>0507.5</b>		15 <b>0553.5</b>		31 <b>0599.5</b>
	14 <b>0462.5</b>	Mar.	1 <b>0508.5</b>		16 <b>0554.5</b>	June	1 <b>0600.5</b>
	15 <b>0463.5</b>		2 <b>0509.5</b>		17 <b>0555.5</b>		2 <b>0601.5</b>
	16 <b>0464.5</b>		3 <b>0510.5</b>		18 <b>0556.5</b>		3 <b>0602.5</b>
	17 <b>0465.5</b>		4 <b>0511.5</b>		19 <b>0557.5</b>		4 <b>0603.5</b>
	18 <b>0466.5</b>		5 <b>0512.5</b>		20 <b>0558.5</b>		5 <b>0604.5</b>
	19 <b>0467.5</b>		6 <b>0513.5</b>		21 <b>0559.5</b>		6 <b>0605.5</b>
	20 <b>0468.5</b>		7 <b>0514.5</b>		22 <b>0560.5</b>		7 <b>0606.5</b>
	21 <b>0469.5</b>		8 <b>0515.5</b>		23 <b>0561.5</b>		8 <b>0607.5</b>
	22 <b>0470.5</b>		9 <b>0516.5</b>		24 <b>0562.5</b>		9 <b>0608.5</b>
	23 <b>0471.5</b>		10 <b>0517.5</b>		25 <b>0563.5</b>		10 <b>0609.5</b>
	24 <b>0472.5</b>		11 <b>0518.5</b>		26 <b>0564.5</b>		11 <b>0610.5</b>
	25 <b>0473.5</b>		12 <b>0519.5</b>		27 <b>0565.5</b>		12 <b>0611.5</b>
	26 <b>0474.5</b>		13 <b>0520.5</b>		28 <b>0566.5</b>		13 <b>0612.5</b>
	27 <b>0475.5</b>		14 <b>0521.5</b>		29 <b>0567.5</b>		14 <b>0613.5</b>
	28 <b>0476.5</b>		15 <b>0522.5</b>		30 <b>0568.5</b>		15 <b>0614.5</b>
	29 <b>0477.5</b>		16 <b>0523.5</b>	May	1 <b>0569.5</b>		16 <b>0615.5</b>
	30 <b>0478.5</b>		17 <b>0524.5</b>		2 <b>0570.5</b>		17 <b>0616.5</b>
	31 <b>0479.5</b>		18 <b>0525.5</b>		3 <b>0571.5</b>		18 <b>0617.5</b>
Feb.	1 <b>0480.5</b>		19 <b>0526.5</b>		4 <b>0572.5</b>		19 <b>0618.5</b>
	2 <b>0481.5</b>		20 <b>0527.5</b>		5 <b>0573.5</b>		20 <b>0619.5</b>
	3 <b>0482.5</b>		21 <b>0528.5</b>		6 <b>0574.5</b>		21 <b>0620.5</b>
	4 <b>0483.5</b>		22 <b>0529.5</b>		7 <b>0575.5</b>		22 <b>0621.5</b>
	5 <b>0484.5</b>		23 <b>0530.5</b>		8 <b>0576.5</b>		23 <b>0622.5</b>
	6 <b>0485.5</b>		24 <b>0531.5</b>		9 <b>0577.5</b>		24 <b>0623.5</b>
	7 <b>0486.5</b>		25 <b>0532.5</b>		10 <b>0578.5</b>		25 <b>0624.5</b>
	8 <b>0487.5</b>		26 <b>0533.5</b>		11 <b>0579.5</b>		26 <b>0625.5</b>
	9 <b>0488.5</b>		27 <b>0534.5</b>		12 <b>0580.5</b>		27 <b>0626.5</b>
	10 <b>0489.5</b>		28 <b>0535.5</b>		13 <b>0581.5</b>		28 <b>0627.5</b>
	11 <b>0490.5</b>		29 <b>0536.5</b>		14 <b>0582.5</b>		29 <b>0628.5</b>
	12 <b>0491.5</b>		30 <b>0537.5</b>		15 <b>0583.5</b>		30 <b>0629.5</b>
	13 <b>0492.5</b>		31 <b>0538.5</b>		16 <b>0584.5</b>	July	1 <b>0630.5</b>
	14 <b>0493.5</b>	Apr.	1 <b>0539.5</b>		17 <b>0585.5</b>		2 <b>0631.5</b>

## JULIAN DAYS, 1997

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>245</b>		<b>245</b>		<b>245</b>		<b>245</b>
July	1 <b>0630.5</b>	Aug.	16 <b>0676.5</b>	Oct.	1 <b>0722.5</b>	Nov.	16 <b>0768.5</b>
	2 <b>0631.5</b>		17 <b>0677.5</b>		2 <b>0723.5</b>		17 <b>0769.5</b>
	3 <b>0632.5</b>		18 <b>0678.5</b>		3 <b>0724.5</b>		18 <b>0770.5</b>
	4 <b>0633.5</b>		19 <b>0679.5</b>		4 <b>0725.5</b>		19 <b>0771.5</b>
	5 <b>0634.5</b>		20 <b>0680.5</b>		5 <b>0726.5</b>		20 <b>0772.5</b>
	6 <b>0635.5</b>		21 <b>0681.5</b>		6 <b>0727.5</b>		21 <b>0773.5</b>
	7 <b>0636.5</b>		22 <b>0682.5</b>		7 <b>0728.5</b>		22 <b>0774.5</b>
	8 <b>0637.5</b>		23 <b>0683.5</b>		8 <b>0729.5</b>		23 <b>0775.5</b>
	9 <b>0638.5</b>		24 <b>0684.5</b>		9 <b>0730.5</b>		24 <b>0776.5</b>
	10 <b>0639.5</b>		25 <b>0685.5</b>		10 <b>0731.5</b>		25 <b>0777.5</b>
	11 <b>0640.5</b>		26 <b>0686.5</b>		11 <b>0732.5</b>		26 <b>0778.5</b>
	12 <b>0641.5</b>		27 <b>0687.5</b>		12 <b>0733.5</b>		27 <b>0779.5</b>
	13 <b>0642.5</b>		28 <b>0688.5</b>		13 <b>0734.5</b>		28 <b>0780.5</b>
	14 <b>0643.5</b>		29 <b>0689.5</b>		14 <b>0735.5</b>		29 <b>0781.5</b>
	15 <b>0644.5</b>		30 <b>0690.5</b>		15 <b>0736.5</b>		30 <b>0782.5</b>
	16 <b>0645.5</b>		31 <b>0691.5</b>		16 <b>0737.5</b>	Dec.	1 <b>0783.5</b>
	17 <b>0646.5</b>	Sept.	1 <b>0692.5</b>		17 <b>0738.5</b>		2 <b>0784.5</b>
	18 <b>0647.5</b>		2 <b>0693.5</b>		18 <b>0739.5</b>		3 <b>0785.5</b>
	19 <b>0648.5</b>		3 <b>0694.5</b>		19 <b>0740.5</b>		4 <b>0786.5</b>
	20 <b>0649.5</b>		4 <b>0695.5</b>		20 <b>0741.5</b>		5 <b>0787.5</b>
	21 <b>0650.5</b>		5 <b>0696.5</b>		21 <b>0742.5</b>		6 <b>0788.5</b>
	22 <b>0651.5</b>		6 <b>0697.5</b>		22 <b>0743.5</b>		7 <b>0789.5</b>
	23 <b>0652.5</b>		7 <b>0698.5</b>		23 <b>0744.5</b>		8 <b>0790.5</b>
	24 <b>0653.5</b>		8 <b>0699.5</b>		24 <b>0745.5</b>		9 <b>0791.5</b>
	25 <b>0654.5</b>		9 <b>0700.5</b>		25 <b>0746.5</b>		10 <b>0792.5</b>
	26 <b>0655.5</b>		10 <b>0701.5</b>		26 <b>0747.5</b>		11 <b>0793.5</b>
	27 <b>0656.5</b>		11 <b>0702.5</b>		27 <b>0748.5</b>		12 <b>0794.5</b>
	28 <b>0657.5</b>		12 <b>0703.5</b>		28 <b>0749.5</b>		13 <b>0795.5</b>
	29 <b>0658.5</b>		13 <b>0704.5</b>		29 <b>0750.5</b>		14 <b>0796.5</b>
	30 <b>0659.5</b>		14 <b>0705.5</b>		30 <b>0751.5</b>		15 <b>0797.5</b>
	31 <b>0660.5</b>		15 <b>0706.5</b>		31 <b>0752.5</b>		16 <b>0798.5</b>
Aug.	1 <b>0661.5</b>		16 <b>0707.5</b>	Nov.	1 <b>0753.5</b>		17 <b>0799.5</b>
	2 <b>0662.5</b>		17 <b>0708.5</b>		2 <b>0754.5</b>		18 <b>0800.5</b>
	3 <b>0663.5</b>		18 <b>0709.5</b>		3 <b>0755.5</b>		19 <b>0801.5</b>
	4 <b>0664.5</b>		19 <b>0710.5</b>		4 <b>0756.5</b>		20 <b>0802.5</b>
	5 <b>0665.5</b>		20 <b>0711.5</b>		5 <b>0757.5</b>		21 <b>0803.5</b>
	6 <b>0666.5</b>		21 <b>0712.5</b>		6 <b>0758.5</b>		22 <b>0804.5</b>
	7 <b>0667.5</b>		22 <b>0713.5</b>		7 <b>0759.5</b>		23 <b>0805.5</b>
	8 <b>0668.5</b>		23 <b>0714.5</b>		8 <b>0760.5</b>		24 <b>0806.5</b>
	9 <b>0669.5</b>		24 <b>0715.5</b>		9 <b>0761.5</b>		25 <b>0807.5</b>
	10 <b>0670.5</b>		25 <b>0716.5</b>		10 <b>0762.5</b>		26 <b>0808.5</b>
	11 <b>0671.5</b>		26 <b>0717.5</b>		11 <b>0763.5</b>		27 <b>0809.5</b>
	12 <b>0672.5</b>		27 <b>0718.5</b>		12 <b>0764.5</b>		28 <b>0810.5</b>
	13 <b>0673.5</b>		28 <b>0719.5</b>		13 <b>0765.5</b>		29 <b>0811.5</b>
	14 <b>0674.5</b>		29 <b>0720.5</b>		14 <b>0766.5</b>		30 <b>0812.5</b>
	15 <b>0675.5</b>		30 <b>0721.5</b>		15 <b>0767.5</b>		31 <b>0813.5</b>

## JULIAN DAYS, 1998

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>245</b>		<b>245</b>		<b>245</b>		<b>245</b>
Jan.	0 <b>0813.5</b>	Feb.	15 <b>0859.5</b>	Apr.	2 <b>0905.5</b>	May	18 <b>0951.5</b>
	1 <b>0814.5</b>		16 <b>0860.5</b>		3 <b>0906.5</b>		19 <b>0952.5</b>
	2 <b>0815.5</b>		17 <b>0861.5</b>		4 <b>0907.5</b>		20 <b>0953.5</b>
	3 <b>0816.5</b>		18 <b>0862.5</b>		5 <b>0908.5</b>		21 <b>0954.5</b>
	4 <b>0817.5</b>		19 <b>0863.5</b>		6 <b>0909.5</b>		22 <b>0955.5</b>
	5 <b>0818.5</b>		20 <b>0864.5</b>		7 <b>0910.5</b>		23 <b>0956.5</b>
	6 <b>0819.5</b>		21 <b>0865.5</b>		8 <b>0911.5</b>		24 <b>0957.5</b>
	7 <b>0820.5</b>		22 <b>0866.5</b>		9 <b>0912.5</b>		25 <b>0958.5</b>
	8 <b>0821.5</b>		23 <b>0867.5</b>		10 <b>0913.5</b>		26 <b>0959.5</b>
	9 <b>0822.5</b>		24 <b>0868.5</b>		11 <b>0914.5</b>		27 <b>0960.5</b>
	10 <b>0823.5</b>		25 <b>0869.5</b>		12 <b>0915.5</b>		28 <b>0961.5</b>
	11 <b>0824.5</b>		26 <b>0870.5</b>		13 <b>0916.5</b>		29 <b>0962.5</b>
	12 <b>0825.5</b>		27 <b>0871.5</b>		14 <b>0917.5</b>		30 <b>0963.5</b>
	13 <b>0826.5</b>		28 <b>0872.5</b>		15 <b>0918.5</b>		31 <b>0964.5</b>
	14 <b>0827.5</b>	Mar.	1 <b>0873.5</b>		16 <b>0919.5</b>	June	1 <b>0965.5</b>
	15 <b>0828.5</b>		2 <b>0874.5</b>		17 <b>0920.5</b>		2 <b>0966.5</b>
	16 <b>0829.5</b>		3 <b>0875.5</b>		18 <b>0921.5</b>		3 <b>0967.5</b>
	17 <b>0830.5</b>		4 <b>0876.5</b>		19 <b>0922.5</b>		4 <b>0968.5</b>
	18 <b>0831.5</b>		5 <b>0877.5</b>		20 <b>0923.5</b>		5 <b>0969.5</b>
	19 <b>0832.5</b>		6 <b>0878.5</b>		21 <b>0924.5</b>		6 <b>0970.5</b>
	20 <b>0833.5</b>		7 <b>0879.5</b>		22 <b>0925.5</b>		7 <b>0971.5</b>
	21 <b>0834.5</b>		8 <b>0880.5</b>		23 <b>0926.5</b>		8 <b>0972.5</b>
	22 <b>0835.5</b>		9 <b>0881.5</b>		24 <b>0927.5</b>		9 <b>0973.5</b>
	23 <b>0836.5</b>		10 <b>0882.5</b>		25 <b>0928.5</b>		10 <b>0974.5</b>
	24 <b>0837.5</b>		11 <b>0883.5</b>		26 <b>0929.5</b>		11 <b>0975.5</b>
	25 <b>0838.5</b>		12 <b>0884.5</b>		27 <b>0930.5</b>		12 <b>0976.5</b>
	26 <b>0839.5</b>		13 <b>0885.5</b>		28 <b>0931.5</b>		13 <b>0977.5</b>
	27 <b>0840.5</b>		14 <b>0886.5</b>		29 <b>0932.5</b>		14 <b>0978.5</b>
	28 <b>0841.5</b>		15 <b>0887.5</b>		30 <b>0933.5</b>		15 <b>0979.5</b>
	29 <b>0842.5</b>		16 <b>0888.5</b>	May	1 <b>0934.5</b>		16 <b>0980.5</b>
	30 <b>0843.5</b>		17 <b>0889.5</b>		2 <b>0935.5</b>		17 <b>0981.5</b>
	31 <b>0844.5</b>		18 <b>0890.5</b>		3 <b>0936.5</b>		18 <b>0982.5</b>
Feb.	1 <b>0845.5</b>		19 <b>0891.5</b>		4 <b>0937.5</b>		19 <b>0983.5</b>
	2 <b>0846.5</b>		20 <b>0892.5</b>		5 <b>0938.5</b>		20 <b>0984.5</b>
	3 <b>0847.5</b>		21 <b>0893.5</b>		6 <b>0939.5</b>		21 <b>0985.5</b>
	4 <b>0848.5</b>		22 <b>0894.5</b>		7 <b>0940.5</b>		22 <b>0986.5</b>
	5 <b>0849.5</b>		23 <b>0895.5</b>		8 <b>0941.5</b>		23 <b>0987.5</b>
	6 <b>0850.5</b>		24 <b>0896.5</b>		9 <b>0942.5</b>		24 <b>0988.5</b>
	7 <b>0851.5</b>		25 <b>0897.5</b>		10 <b>0943.5</b>		25 <b>0989.5</b>
	8 <b>0852.5</b>		26 <b>0898.5</b>		11 <b>0944.5</b>		26 <b>0990.5</b>
	9 <b>0853.5</b>		27 <b>0899.5</b>		12 <b>0945.5</b>		27 <b>0991.5</b>
	10 <b>0854.5</b>		28 <b>0900.5</b>		13 <b>0946.5</b>		28 <b>0992.5</b>
	11 <b>0855.5</b>		29 <b>0901.5</b>		14 <b>0947.5</b>		29 <b>0993.5</b>
	12 <b>0856.5</b>		30 <b>0902.5</b>		15 <b>0948.5</b>		30 <b>0994.5</b>
	13 <b>0857.5</b>		31 <b>0903.5</b>		16 <b>0949.5</b>	July	1 <b>0995.5</b>
	14 <b>0858.5</b>	Apr.	1 <b>0904.5</b>		17 <b>0950.5</b>		2 <b>0996.5</b>

## JULIAN DAYS, 1998

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>245</b>		<b>245</b>		<b>245</b>		<b>245</b>
July	1 <b>0995.5</b>	Aug.	16 <b>1041.5</b>	Oct.	1 <b>1087.5</b>	Nov.	16 <b>1133.5</b>
	2 <b>0996.5</b>		17 <b>1042.5</b>		2 <b>1088.5</b>		17 <b>1134.5</b>
	3 <b>0997.5</b>		18 <b>1043.5</b>		3 <b>1089.5</b>		18 <b>1135.5</b>
	4 <b>0998.5</b>		19 <b>1044.5</b>		4 <b>1090.5</b>		19 <b>1136.5</b>
	5 <b>0999.5</b>		20 <b>1045.5</b>		5 <b>1091.5</b>		20 <b>1137.5</b>
	6 <b>1000.5</b>		21 <b>1046.5</b>		6 <b>1092.5</b>		21 <b>1138.5</b>
	7 <b>1001.5</b>		22 <b>1047.5</b>		7 <b>1093.5</b>		22 <b>1139.5</b>
	8 <b>1002.5</b>		23 <b>1048.5</b>		8 <b>1094.5</b>		23 <b>1140.5</b>
	9 <b>1003.5</b>		24 <b>1049.5</b>		9 <b>1095.5</b>		24 <b>1141.5</b>
	10 <b>1004.5</b>		25 <b>1050.5</b>		10 <b>1096.5</b>		25 <b>1142.5</b>
	11 <b>1005.5</b>		26 <b>1051.5</b>		11 <b>1097.5</b>		26 <b>1143.5</b>
	12 <b>1006.5</b>		27 <b>1052.5</b>		12 <b>1098.5</b>		27 <b>1144.5</b>
	13 <b>1007.5</b>		28 <b>1053.5</b>		13 <b>1099.5</b>		28 <b>1145.5</b>
	14 <b>1008.5</b>		29 <b>1054.5</b>		14 <b>1100.5</b>		29 <b>1146.5</b>
	15 <b>1009.5</b>		30 <b>1055.5</b>		15 <b>1101.5</b>		30 <b>1147.5</b>
	16 <b>1010.5</b>		31 <b>1056.5</b>		16 <b>1102.5</b>	Dec.	1 <b>1148.5</b>
	17 <b>1011.5</b>	Sept.	1 <b>1057.5</b>		17 <b>1103.5</b>		2 <b>1149.5</b>
	18 <b>1012.5</b>		2 <b>1058.5</b>		18 <b>1104.5</b>		3 <b>1150.5</b>
	19 <b>1013.5</b>		3 <b>1059.5</b>		19 <b>1105.5</b>		4 <b>1151.5</b>
	20 <b>1014.5</b>		4 <b>1060.5</b>		20 <b>1106.5</b>		5 <b>1152.5</b>
	21 <b>1015.5</b>		5 <b>1061.5</b>		21 <b>1107.5</b>		6 <b>1153.5</b>
	22 <b>1016.5</b>		6 <b>1062.5</b>		22 <b>1108.5</b>		7 <b>1154.5</b>
	23 <b>1017.5</b>		7 <b>1063.5</b>		23 <b>1109.5</b>		8 <b>1155.5</b>
	24 <b>1018.5</b>		8 <b>1064.5</b>		24 <b>1110.5</b>		9 <b>1156.5</b>
	25 <b>1019.5</b>		9 <b>1065.5</b>		25 <b>1111.5</b>		10 <b>1157.5</b>
	26 <b>1020.5</b>		10 <b>1066.5</b>		26 <b>1112.5</b>		11 <b>1158.5</b>
	27 <b>1021.5</b>		11 <b>1067.5</b>		27 <b>1113.5</b>		12 <b>1159.5</b>
	28 <b>1022.5</b>		12 <b>1068.5</b>		28 <b>1114.5</b>		13 <b>1160.5</b>
	29 <b>1023.5</b>		13 <b>1069.5</b>		29 <b>1115.5</b>		14 <b>1161.5</b>
	30 <b>1024.5</b>		14 <b>1070.5</b>		30 <b>1116.5</b>		15 <b>1162.5</b>
	31 <b>1025.5</b>		15 <b>1071.5</b>		31 <b>1117.5</b>		16 <b>1163.5</b>
Aug.	1 <b>1026.5</b>		16 <b>1072.5</b>	Nov.	1 <b>1118.5</b>		17 <b>1164.5</b>
	2 <b>1027.5</b>		17 <b>1073.5</b>		2 <b>1119.5</b>		18 <b>1165.5</b>
	3 <b>1028.5</b>		18 <b>1074.5</b>		3 <b>1120.5</b>		19 <b>1166.5</b>
	4 <b>1029.5</b>		19 <b>1075.5</b>		4 <b>1121.5</b>		20 <b>1167.5</b>
	5 <b>1030.5</b>		20 <b>1076.5</b>		5 <b>1122.5</b>		21 <b>1168.5</b>
	6 <b>1031.5</b>		21 <b>1077.5</b>		6 <b>1123.5</b>		22 <b>1169.5</b>
	7 <b>1032.5</b>		22 <b>1078.5</b>		7 <b>1124.5</b>		23 <b>1170.5</b>
	8 <b>1033.5</b>		23 <b>1079.5</b>		8 <b>1125.5</b>		24 <b>1171.5</b>
	9 <b>1034.5</b>		24 <b>1080.5</b>		9 <b>1126.5</b>		25 <b>1172.5</b>
	10 <b>1035.5</b>		25 <b>1081.5</b>		10 <b>1127.5</b>		26 <b>1173.5</b>
	11 <b>1036.5</b>		26 <b>1082.5</b>		11 <b>1128.5</b>		27 <b>1174.5</b>
	12 <b>1037.5</b>		27 <b>1083.5</b>		12 <b>1129.5</b>		28 <b>1175.5</b>
	13 <b>1038.5</b>		28 <b>1084.5</b>		13 <b>1130.5</b>		29 <b>1176.5</b>
	14 <b>1039.5</b>		29 <b>1085.5</b>		14 <b>1131.5</b>		30 <b>1177.5</b>
	15 <b>1040.5</b>		30 <b>1086.5</b>		15 <b>1132.5</b>		31 <b>1178.5</b>

## JULIAN DAYS, 1999

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>245</b>		<b>245</b>		<b>245</b>		<b>245</b>
Jan.	0 1178.5	Feb.	15 1224.5	Apr.	2 1270.5	May	18 1316.5
	1 1179.5		16 1225.5		3 1271.5		19 1317.5
	2 1180.5		17 1226.5		4 1272.5		20 1318.5
	3 1181.5		18 1227.5		5 1273.5		21 1319.5
	4 1182.5		19 1228.5		6 1274.5		22 1320.5
	5 1183.5		20 1229.5		7 1275.5		23 1321.5
	6 1184.5		21 1230.5		8 1276.5		24 1322.5
	7 1185.5		22 1231.5		9 1277.5		25 1323.5
	8 1186.5		23 1232.5		10 1278.5		26 1324.5
	9 1187.5		24 1233.5		11 1279.5		27 1325.5
	10 1188.5		25 1234.5		12 1280.5		28 1326.5
	11 1189.5		26 1235.5		13 1281.5		29 1327.5
	12 1190.5		27 1236.5		14 1282.5		30 1328.5
	13 1191.5		28 1237.5		15 1283.5		31 1329.5
	14 1192.5	Mar.	1 1238.5		16 1284.5	June	1 1330.5
	15 1193.5		2 1239.5		17 1285.5		2 1331.5
	16 1194.5		3 1240.5		18 1286.5		3 1332.5
	17 1195.5		4 1241.5		19 1287.5		4 1333.5
	18 1196.5		5 1242.5		20 1288.5		5 1334.5
	19 1197.5		6 1243.5		21 1289.5		6 1335.5
	20 1198.5		7 1244.5		22 1290.5		7 1336.5
	21 1199.5		8 1245.5		23 1291.5		8 1337.5
	22 1200.5		9 1246.5		24 1292.5		9 1338.5
	23 1201.5		10 1247.5		25 1293.5		10 1339.5
	24 1202.5		11 1248.5		26 1294.5		11 1340.5
	25 1203.5		12 1249.5		27 1295.5		12 1341.5
	26 1204.5		13 1250.5		28 1296.5		13 1342.5
	27 1205.5		14 1251.5		29 1297.5		14 1343.5
	28 1206.5		15 1252.5		30 1298.5		15 1344.5
	29 1207.5		16 1253.5	May	1 1299.5		16 1345.5
	30 1208.5		17 1254.5		2 1300.5		17 1346.5
	31 1209.5		18 1255.5		3 1301.5		18 1347.5
Feb.	1 1210.5		19 1256.5		4 1302.5		19 1348.5
	2 1211.5		20 1257.5		5 1303.5		20 1349.5
	3 1212.5		21 1258.5		6 1304.5		21 1350.5
	4 1213.5		22 1259.5		7 1305.5		22 1351.5
	5 1214.5		23 1260.5		8 1306.5		23 1352.5
	6 1215.5		24 1261.5		9 1307.5		24 1353.5
	7 1216.5		25 1262.5		10 1308.5		25 1354.5
	8 1217.5		26 1263.5		11 1309.5		26 1355.5
	9 1218.5		27 1264.5		12 1310.5		27 1356.5
	10 1219.5		28 1265.5		13 1311.5		28 1357.5
	11 1220.5		29 1266.5		14 1312.5		29 1358.5
	12 1221.5		30 1267.5		15 1313.5		30 1359.5
	13 1222.5		31 1268.5		16 1314.5	July	1 1360.5
	14 1223.5	Apr.	1 1269.5		17 1315.5		2 1361.5



## JULIAN DAYS, 1999

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>245</b>		<b>245</b>		<b>245</b>		<b>245</b>
July	1 <b>1360.5</b>	Aug.	16 <b>1406.5</b>	Oct.	1 <b>1452.5</b>	Nov.	16 <b>1498.5</b>
	2 <b>1361.5</b>		17 <b>1407.5</b>		2 <b>1453.5</b>		17 <b>1499.5</b>
	3 <b>1362.5</b>		18 <b>1408.5</b>		3 <b>1454.5</b>		18 <b>1500.5</b>
	4 <b>1363.5</b>		19 <b>1409.5</b>		4 <b>1455.5</b>		19 <b>1501.5</b>
	5 <b>1364.5</b>		20 <b>1410.5</b>		5 <b>1456.5</b>		20 <b>1502.5</b>
	6 <b>1365.5</b>		21 <b>1411.5</b>		6 <b>1457.5</b>		21 <b>1503.5</b>
	7 <b>1366.5</b>		22 <b>1412.5</b>		7 <b>1458.5</b>		22 <b>1504.5</b>
	8 <b>1367.5</b>		23 <b>1413.5</b>		8 <b>1459.5</b>		23 <b>1505.5</b>
	9 <b>1368.5</b>		24 <b>1414.5</b>		9 <b>1460.5</b>		24 <b>1506.5</b>
	10 <b>1369.5</b>		25 <b>1415.5</b>		10 <b>1461.5</b>		25 <b>1507.5</b>
	11 <b>1370.5</b>		26 <b>1416.5</b>		11 <b>1462.5</b>		26 <b>1508.5</b>
	12 <b>1371.5</b>		27 <b>1417.5</b>		12 <b>1463.5</b>		27 <b>1509.5</b>
	13 <b>1372.5</b>		28 <b>1418.5</b>		13 <b>1464.5</b>		28 <b>1510.5</b>
	14 <b>1373.5</b>		29 <b>1419.5</b>		14 <b>1465.5</b>		29 <b>1511.5</b>
	15 <b>1374.5</b>		30 <b>1420.5</b>		15 <b>1466.5</b>		30 <b>1512.5</b>
	16 <b>1375.5</b>		31 <b>1421.5</b>		16 <b>1467.5</b>	Dec.	1 <b>1513.5</b>
	17 <b>1376.5</b>	Sept.	1 <b>1422.5</b>		17 <b>1468.5</b>		2 <b>1514.5</b>
	18 <b>1377.5</b>		2 <b>1423.5</b>		18 <b>1469.5</b>		3 <b>1515.5</b>
	19 <b>1378.5</b>		3 <b>1424.5</b>		19 <b>1470.5</b>		4 <b>1516.5</b>
	20 <b>1379.5</b>		4 <b>1425.5</b>		20 <b>1471.5</b>		5 <b>1517.5</b>
	21 <b>1380.5</b>		5 <b>1426.5</b>		21 <b>1472.5</b>		6 <b>1518.5</b>
	22 <b>1381.5</b>		6 <b>1427.5</b>		22 <b>1473.5</b>		7 <b>1519.5</b>
	23 <b>1382.5</b>		7 <b>1428.5</b>		23 <b>1474.5</b>		8 <b>1520.5</b>
	24 <b>1383.5</b>		8 <b>1429.5</b>		24 <b>1475.5</b>		9 <b>1521.5</b>
	25 <b>1384.5</b>		9 <b>1430.5</b>		25 <b>1476.5</b>		10 <b>1522.5</b>
	26 <b>1385.5</b>		10 <b>1431.5</b>		26 <b>1477.5</b>		11 <b>1523.5</b>
	27 <b>1386.5</b>		11 <b>1432.5</b>		27 <b>1478.5</b>		12 <b>1524.5</b>
	28 <b>1387.5</b>		12 <b>1433.5</b>		28 <b>1479.5</b>		13 <b>1525.5</b>
	29 <b>1388.5</b>		13 <b>1434.5</b>		29 <b>1480.5</b>		14 <b>1526.5</b>
	30 <b>1389.5</b>		14 <b>1435.5</b>		30 <b>1481.5</b>		15 <b>1527.5</b>
	31 <b>1390.5</b>		15 <b>1436.5</b>		31 <b>1482.5</b>		16 <b>1528.5</b>
Aug.	1 <b>1391.5</b>		16 <b>1437.5</b>	Nov.	1 <b>1483.5</b>		17 <b>1529.5</b>
	2 <b>1392.5</b>		17 <b>1438.5</b>		2 <b>1484.5</b>		18 <b>1530.5</b>
	3 <b>1393.5</b>		18 <b>1439.5</b>		3 <b>1485.5</b>		19 <b>1531.5</b>
	4 <b>1394.5</b>		19 <b>1440.5</b>		4 <b>1486.5</b>		20 <b>1532.5</b>
	5 <b>1395.5</b>		20 <b>1441.5</b>		5 <b>1487.5</b>		21 <b>1533.5</b>
	6 <b>1396.5</b>		21 <b>1442.5</b>		6 <b>1488.5</b>		22 <b>1534.5</b>
	7 <b>1397.5</b>		22 <b>1443.5</b>		7 <b>1489.5</b>		23 <b>1535.5</b>
	8 <b>1398.5</b>		23 <b>1444.5</b>		8 <b>1490.5</b>		24 <b>1536.5</b>
	9 <b>1399.5</b>		24 <b>1445.5</b>		9 <b>1491.5</b>		25 <b>1537.5</b>
	10 <b>1400.5</b>		25 <b>1446.5</b>		10 <b>1492.5</b>		26 <b>1538.5</b>
	11 <b>1401.5</b>		26 <b>1447.5</b>		11 <b>1493.5</b>		27 <b>1539.5</b>
	12 <b>1402.5</b>		27 <b>1448.5</b>		12 <b>1494.5</b>		28 <b>1540.5</b>
	13 <b>1403.5</b>		28 <b>1449.5</b>		13 <b>1495.5</b>		29 <b>1541.5</b>
	14 <b>1404.5</b>		29 <b>1450.5</b>		14 <b>1496.5</b>		30 <b>1542.5</b>
	15 <b>1405.5</b>		30 <b>1451.5</b>		15 <b>1497.5</b>		31 <b>1543.5</b>

## JULIAN DAYS, 2000

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>245</b>		<b>245</b>		<b>245</b>		<b>245</b>
Jan.	0 1543.5	Feb.	15 1589.5	Apr.	1 1635.5	May	17 1681.5
	1 1544.5		16 1590.5		2 1636.5		18 1682.5
	2 1545.5		17 1591.5		3 1637.5		10 1683.5
	3 1546.5		18 1592.5		4 1638.5		20 1684.5
	4 1547.5		19 1593.5		5 1639.5		21 1685.5
	5 1548.5		20 1594.5		6 1640.5		22 1686.5
	6 1549.5		21 1595.5		7 1641.5		23 1687.5
	7 1550.5		22 1596.5		8 1642.5		24 1688.5
	8 1551.5		23 1597.5		9 1643.5		25 1689.5
	9 1552.5		24 1598.5		10 1644.5		26 1690.5
	10 1553.5		25 1599.5		11 1645.5		27 1691.5
	11 1554.5		26 1600.5		12 1646.5		28 1692.5
	12 1555.5		27 1601.5		13 1647.5		29 1693.5
	13 1556.5		28 1602.5		14 1648.5		30 1694.5
	14 1557.5		29 1603.5		15 1649.5		31 1695.5
	15 1558.5	Mar.	1 1604.5		16 1650.5	June	1 1696.5
	16 1559.5		2 1605.5		17 1651.5		2 1697.5
	17 1560.5		3 1606.5		18 1652.5		3 1698.5
	18 1561.5		4 1607.5		19 1653.5		4 1699.5
	19 1562.5		5 1608.5		20 1654.5		5 1700.5
	20 1563.5		6 1609.5		21 1655.5		6 1701.5
	21 1564.5		7 1610.5		22 1656.5		7 1702.5
	22 1565.5		8 1611.5		23 1657.5		8 1703.5
	23 1566.5		9 1612.5		24 1658.5		9 1704.5
	24 1567.5		10 1613.5		25 1659.5		10 1705.5
	25 1568.5		11 1614.5		26 1660.5		11 1706.5
	26 1569.5		12 1615.5		27 1661.5		12 1707.5
	27 1570.5		13 1616.5		28 1662.5		13 1708.5
	28 1571.5		14 1617.5		29 1663.5		14 1709.5
	29 1572.5		15 1618.5		30 1664.5		15 1710.5
	30 1573.5		16 1619.5	May	1 1665.5		16 1711.5
	31 1574.5		17 1620.5		2 1666.5		17 1712.5
Feb.	1 1575.5		18 1621.5		3 1667.5		18 1713.5
	2 1576.5		19 1622.5		4 1668.5		19 1714.5
	3 1577.5		20 1623.5		5 1669.5		20 1715.5
	4 1578.5		21 1624.5		6 1670.5		21 1716.5
	5 1579.5		22 1625.5		7 1671.5		22 1717.5
	6 1580.5		23 1626.5		8 1672.5		23 1718.5
	7 1581.5		24 1627.5		9 1673.5		24 1719.5
	8 1582.5		25 1628.5		10 1674.5		25 1720.5
	9 1583.5		26 1629.5		11 1675.5		26 1721.5
	10 1584.5		27 1630.5		12 1676.5		27 1722.5
	11 1585.5		28 1631.5		13 1677.5		28 1723.5
	12 1586.5		29 1632.5		14 1678.5		29 1724.5
	13 1587.5		30 1633.5		15 1679.5		30 1725.5
	14 1588.5		31 1634.5		16 1680.5	July	1 1726.5

## JULIAN DAYS, 2000

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day				
	<b>245</b>		<b>245</b>		<b>245</b>		<b>245</b>				
July	1	1726.5	Aug.	16	1772.5	Oct.	1	1818.5	Nov.	16	1864.5
	2	1727.5		17	1773.5		2	1819.5		17	1865.5
	3	1728.5		18	1774.5		3	1820.5		18	1866.5
	4	1729.5		19	1775.5		4	1821.5		19	1867.5
	5	1730.5		20	1776.5		5	1822.5		20	1868.5
	6	1731.5		21	1777.5		6	1823.5		21	1869.5
	7	1732.5		22	1778.5		7	1824.5		22	1870.5
	8	1733.5		23	1779.5		8	1825.5		23	1871.5
	9	1734.5		24	1780.5		9	1826.5		24	1872.5
	10	1735.5		25	1781.5		10	1827.5		25	1873.5
	11	1736.5		26	1782.5		11	1828.5		26	1874.5
	12	1737.5		27	1783.5		12	1829.5		27	1875.5
	13	1738.5		28	1784.5		13	1830.5		28	1876.5
	14	1739.5		29	1785.5		14	1831.5		29	1877.5
	15	1740.5		30	1786.5		15	1832.5		30	1878.5
	16	1741.5		31	1787.5		16	1833.5	Dec.	1	1879.5
	17	1742.5	Sept.	1	1788.5		17	1834.5		2	1880.5
	18	1743.5		2	1789.5		18	1835.5		3	1881.5
	19	1744.5		3	1790.5		19	1836.5		4	1882.5
	20	1745.5		4	1791.5		20	1837.5		5	1883.5
	21	1746.5		5	1792.5		21	1838.5		6	1884.5
	22	1747.5		6	1793.5		22	1839.5		7	1885.5
	23	1748.5		7	1794.5		23	1840.5		8	1886.5
	24	1749.5		8	1795.5		24	1841.5		9	1887.5
	25	1750.5		9	1796.5		25	1842.5		10	1888.5
	26	1751.5		10	1797.5		26	1843.5		11	1889.5
	27	1752.5		11	1798.5		27	1844.5		12	1890.5
	28	1753.5		12	1799.5		28	1845.5		13	1891.5
	29	1754.5		13	1800.5		29	1846.5		14	1892.5
	30	1755.5		14	1801.5		30	1847.5		15	1893.5
	31	1756.5		15	1802.5		31	1848.5		16	1894.5
Aug.	1	1757.5		16	1803.5	Nov.	1	1849.5		17	1895.5
	2	1758.5		17	1804.5		2	1850.5		18	1896.5
	3	1759.5		18	1805.5		3	1851.5		19	1897.5
	4	1760.5		19	1806.5		4	1852.5		20	1898.5
	5	1761.5		20	1807.5		5	1853.5		21	1899.5
	6	1762.5		21	1808.5		6	1854.5		22	1900.5
	7	1763.5		22	1809.5		7	1855.5		23	1901.5
	8	1764.5		23	1810.5		8	1856.5		24	1902.5
	9	1765.5		24	1811.5		9	1857.5		25	1903.5
	10	1766.5		25	1812.5		10	1858.5		26	1904.5
	11	1767.5		26	1813.5		11	1859.5		27	1905.5
	12	1768.5		27	1814.5		12	1860.5		28	1906.5
	13	1769.5		28	1815.5		13	1861.5		29	1907.5
	14	1770.5		29	1816.5		14	1862.5		30	1908.5
	15	1771.5		30	1817.5		15	1863.5		31	1909.5

## JULIAN DAYS, 2001

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>245</b>		<b>245</b>		<b>245</b>		<b>245</b>
Jan.	0 <b>1909.5</b>	Feb.	15 <b>1955.5</b>	Apr.	2 <b>2001.5</b>	May	18 <b>2047.5</b>
	1 <b>1910.5</b>		16 <b>1956.5</b>		3 <b>2002.5</b>		19 <b>2048.5</b>
	2 <b>1911.5</b>		17 <b>1957.5</b>		4 <b>2003.5</b>		20 <b>2049.5</b>
	3 <b>1912.5</b>		18 <b>1958.5</b>		5 <b>2004.5</b>		21 <b>2050.5</b>
	4 <b>1913.5</b>		19 <b>1959.5</b>		6 <b>2005.5</b>		22 <b>2051.5</b>
	5 <b>1914.5</b>		20 <b>1960.5</b>		7 <b>2006.5</b>		23 <b>2052.5</b>
	6 <b>1915.5</b>		21 <b>1961.5</b>		8 <b>2007.5</b>		24 <b>2053.5</b>
	7 <b>1916.5</b>		22 <b>1962.5</b>		9 <b>2008.5</b>		25 <b>2054.5</b>
	8 <b>1917.5</b>		23 <b>1963.5</b>		10 <b>2009.5</b>		26 <b>2055.5</b>
	9 <b>1918.5</b>		24 <b>1964.5</b>		11 <b>2010.5</b>		27 <b>2056.5</b>
	10 <b>1919.5</b>		25 <b>1965.5</b>		12 <b>2011.5</b>		28 <b>2057.5</b>
	11 <b>1920.5</b>		26 <b>1966.5</b>		13 <b>2012.5</b>		29 <b>2058.5</b>
	12 <b>1921.5</b>		27 <b>1967.5</b>		14 <b>2013.5</b>		30 <b>2059.5</b>
	13 <b>1922.5</b>		28 <b>1968.5</b>		15 <b>2014.5</b>		31 <b>2060.5</b>
	14 <b>1923.5</b>	Mar.	1 <b>1969.5</b>		16 <b>2015.5</b>	June	1 <b>2061.5</b>
	15 <b>1924.5</b>		2 <b>1970.5</b>		17 <b>2016.5</b>		2 <b>2062.5</b>
	16 <b>1925.5</b>		3 <b>1971.5</b>		18 <b>2017.5</b>		3 <b>2063.5</b>
	17 <b>1926.5</b>		4 <b>1972.5</b>		19 <b>2018.5</b>		4 <b>2064.5</b>
	18 <b>1927.5</b>		5 <b>1973.5</b>		20 <b>2019.5</b>		5 <b>2065.5</b>
	19 <b>1928.5</b>		6 <b>1974.5</b>		21 <b>2020.5</b>		6 <b>2066.5</b>
	20 <b>1929.5</b>		7 <b>1975.5</b>		22 <b>2021.5</b>		7 <b>2067.5</b>
	21 <b>1930.5</b>		8 <b>1976.5</b>		23 <b>2022.5</b>		8 <b>2068.5</b>
	22 <b>1931.5</b>		9 <b>1977.5</b>		24 <b>2023.5</b>		9 <b>2069.5</b>
	23 <b>1932.5</b>		10 <b>1978.5</b>		25 <b>2024.5</b>		10 <b>2070.5</b>
	24 <b>1933.5</b>		11 <b>1979.5</b>		26 <b>2025.5</b>		11 <b>2071.5</b>
	25 <b>1934.5</b>		12 <b>1980.5</b>		27 <b>2026.5</b>		12 <b>2072.5</b>
	26 <b>1935.5</b>		13 <b>1981.5</b>		28 <b>2027.5</b>		13 <b>2073.5</b>
	27 <b>1936.5</b>		14 <b>1982.5</b>		29 <b>2028.5</b>		14 <b>2074.5</b>
	28 <b>1937.5</b>		15 <b>1983.5</b>		30 <b>2029.5</b>		15 <b>2075.5</b>
	29 <b>1938.5</b>		16 <b>1984.5</b>	May	1 <b>2030.5</b>		16 <b>2076.5</b>
	30 <b>1939.5</b>		17 <b>1985.5</b>		2 <b>2031.5</b>		17 <b>2077.5</b>
	31 <b>1940.5</b>		18 <b>1986.5</b>		3 <b>2032.5</b>		18 <b>2078.5</b>
Feb.	1 <b>1941.5</b>		19 <b>1987.5</b>		4 <b>2033.5</b>		19 <b>2079.5</b>
	2 <b>1942.5</b>		20 <b>1988.5</b>		5 <b>2034.5</b>		20 <b>2080.5</b>
	3 <b>1943.5</b>		21 <b>1989.5</b>		6 <b>2035.5</b>		21 <b>2081.5</b>
	4 <b>1944.5</b>		22 <b>1990.5</b>		7 <b>2036.5</b>		22 <b>2082.5</b>
	5 <b>1945.5</b>		23 <b>1991.5</b>		8 <b>2037.5</b>		23 <b>2083.5</b>
	6 <b>1946.5</b>		24 <b>1992.5</b>		9 <b>2038.5</b>		24 <b>2084.5</b>
	7 <b>1947.5</b>		25 <b>1993.5</b>		10 <b>2039.5</b>		25 <b>2085.5</b>
	8 <b>1948.5</b>		26 <b>1994.5</b>		11 <b>2040.5</b>		26 <b>2086.5</b>
	9 <b>1949.5</b>		27 <b>1995.5</b>		12 <b>2041.5</b>		27 <b>2087.5</b>
	10 <b>1950.5</b>		28 <b>1996.5</b>		13 <b>2042.5</b>		28 <b>2088.5</b>
	11 <b>1951.5</b>		29 <b>1997.5</b>		14 <b>2043.5</b>		29 <b>2089.5</b>
	12 <b>1952.5</b>		30 <b>1998.5</b>		15 <b>2044.5</b>		30 <b>2090.5</b>
	13 <b>1953.5</b>		31 <b>1999.5</b>		16 <b>2045.5</b>	July	1 <b>2091.5</b>
	14 <b>1954.5</b>	Apr.	1 <b>2000.5</b>		17 <b>2046.5</b>		2 <b>2092.5</b>

# JULIAN DAYS, 2001

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>245</b>		<b>245</b>		<b>245</b>		<b>245</b>
July	1 <b>2091.5</b>	Aug.	16 <b>2137.5</b>	Oct.	1 <b>2183.5</b>	Nov.	16 <b>2229.5</b>
	2 <b>2092.5</b>		17 <b>2138.5</b>		2 <b>2184.5</b>		17 <b>2230.5</b>
	3 <b>2093.5</b>		18 <b>2139.5</b>		3 <b>2185.5</b>		18 <b>2231.5</b>
	4 <b>2094.5</b>		19 <b>2140.5</b>		4 <b>2186.5</b>		19 <b>2232.5</b>
	5 <b>2095.5</b>		20 <b>2141.5</b>		5 <b>2187.5</b>		20 <b>2233.5</b>
	6 <b>2096.5</b>		21 <b>2142.5</b>		6 <b>2188.5</b>		21 <b>2234.5</b>
	7 <b>2097.5</b>		22 <b>2143.5</b>		7 <b>2189.5</b>		22 <b>2235.5</b>
	8 <b>2098.5</b>		23 <b>2144.5</b>		8 <b>2190.5</b>		23 <b>2236.5</b>
	9 <b>2099.5</b>		24 <b>2145.5</b>		9 <b>2191.5</b>		24 <b>2237.5</b>
	10 <b>2100.5</b>		25 <b>2146.5</b>		10 <b>2192.5</b>		25 <b>2238.5</b>
	11 <b>2101.5</b>		26 <b>2147.5</b>		11 <b>2193.5</b>		26 <b>2239.5</b>
	12 <b>2102.5</b>		27 <b>2148.5</b>		12 <b>2194.5</b>		27 <b>2240.5</b>
	13 <b>2103.5</b>		28 <b>2149.5</b>		13 <b>2195.5</b>		28 <b>2241.5</b>
	14 <b>2104.5</b>		29 <b>2150.5</b>		14 <b>2196.5</b>		29 <b>2242.5</b>
	15 <b>2105.5</b>		30 <b>2151.5</b>		15 <b>2197.5</b>		30 <b>2243.5</b>
	16 <b>2106.5</b>		31 <b>2152.5</b>		16 <b>2198.5</b>	Dec.	1 <b>2244.5</b>
	17 <b>2107.5</b>	Sept.	1 <b>2153.5</b>		17 <b>2199.5</b>		2 <b>2245.5</b>
	18 <b>2108.5</b>		2 <b>2154.5</b>		18 <b>2200.5</b>		3 <b>2246.5</b>
	19 <b>2109.5</b>		3 <b>2155.5</b>		19 <b>2201.5</b>		4 <b>2247.5</b>
	20 <b>2110.5</b>		4 <b>2156.5</b>		20 <b>2202.5</b>		5 <b>2248.5</b>
	21 <b>2111.5</b>		5 <b>2157.5</b>		21 <b>2203.5</b>		6 <b>2249.5</b>
	22 <b>2112.5</b>		6 <b>2158.5</b>		22 <b>2204.5</b>		7 <b>2250.5</b>
	23 <b>2113.5</b>		7 <b>2159.5</b>		23 <b>2205.5</b>		8 <b>2251.5</b>
	24 <b>2114.5</b>		8 <b>2160.5</b>		24 <b>2206.5</b>		9 <b>2252.5</b>
	25 <b>2115.5</b>		9 <b>2161.5</b>		25 <b>2207.5</b>		10 <b>2253.5</b>
	26 <b>2116.5</b>		10 <b>2162.5</b>		26 <b>2208.5</b>		11 <b>2254.5</b>
	27 <b>2117.5</b>		11 <b>2163.5</b>		27 <b>2209.5</b>		12 <b>2255.5</b>
	28 <b>2118.5</b>		12 <b>2164.5</b>		28 <b>2210.5</b>		13 <b>2256.5</b>
	29 <b>2119.5</b>		13 <b>2165.5</b>		29 <b>2211.5</b>		14 <b>2257.5</b>
	30 <b>2120.5</b>		14 <b>2166.5</b>		30 <b>2212.5</b>		15 <b>2258.5</b>
	31 <b>2121.5</b>		15 <b>2167.5</b>		31 <b>2213.5</b>		16 <b>2259.5</b>
Aug.	1 <b>2122.5</b>		16 <b>2168.5</b>	Nov.	1 <b>2214.5</b>		17 <b>2260.5</b>
	2 <b>2123.5</b>		17 <b>2169.5</b>		2 <b>2215.5</b>		18 <b>2261.5</b>
	3 <b>2124.5</b>		18 <b>2170.5</b>		3 <b>2216.5</b>		19 <b>2262.5</b>
	4 <b>2125.5</b>		19 <b>2171.5</b>		4 <b>2217.5</b>		20 <b>2263.5</b>
	5 <b>2126.5</b>		20 <b>2172.5</b>		5 <b>2218.5</b>		21 <b>2264.5</b>
	6 <b>2127.5</b>		21 <b>2173.5</b>		6 <b>2219.5</b>		22 <b>2265.5</b>
	7 <b>2128.5</b>		22 <b>2174.5</b>		7 <b>2220.5</b>		23 <b>2266.5</b>
	8 <b>2129.5</b>		23 <b>2175.5</b>		8 <b>2221.5</b>		24 <b>2267.5</b>
	9 <b>2130.5</b>		24 <b>2176.5</b>		9 <b>2222.5</b>		25 <b>2268.5</b>
	10 <b>2131.5</b>		25 <b>2177.5</b>		10 <b>2223.5</b>		26 <b>2269.5</b>
	11 <b>2132.5</b>		26 <b>2178.5</b>		11 <b>2224.5</b>		27 <b>2270.5</b>
	12 <b>2133.5</b>		27 <b>2179.5</b>		12 <b>2225.5</b>		28 <b>2271.5</b>
	13 <b>2134.5</b>		28 <b>2180.5</b>		13 <b>2226.5</b>		29 <b>2272.5</b>
	14 <b>2135.5</b>		29 <b>2181.5</b>		14 <b>2227.5</b>		30 <b>2273.5</b>
	15 <b>2136.5</b>		30 <b>2182.5</b>		15 <b>2228.5</b>		31 <b>2274.5</b>

## JULIAN DAYS, 2002

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>245</b>		<b>245</b>		<b>245</b>		<b>245</b>
Jan.	0 2274.5	Feb.	15 2320.5	Apr.	2 2366.5	May	18 2412.5
	1 2275.5		16 2321.5		3 2367.5		19 2413.5
	2 2276.5		17 2322.5		4 2368.5		20 2414.5
	3 2277.5		18 2323.5		5 2369.5		21 2415.5
	4 2278.5		19 2324.5		6 2370.5		22 2416.5
	5 2279.5		20 2325.5		7 2371.5		23 2417.5
	6 2280.5		21 2326.5		8 2372.5		24 2418.5
	7 2281.5		22 2327.5		9 2373.5		25 2419.5
	8 2282.5		23 2328.5		10 2374.5		26 2420.5
	9 2283.5		24 2329.5		11 2375.5		27 2421.5
	10 2284.5		25 2330.5		12 2376.5		28 2422.5
	11 2285.5		26 2331.5		13 2377.5		29 2423.5
	12 2286.5		27 2332.5		14 2378.5		30 2424.5
	13 2287.5		28 2333.5		15 2379.5		31 2425.5
	14 2288.5	Mar.	1 2334.5		16 2380.5	June	1 2426.5
	15 2289.5		2 2335.5		17 2381.5		2 2427.5
	16 2290.5		3 2336.5		18 2382.5		3 2428.5
	17 2291.5		4 2337.5		19 2383.5		4 2429.5
	18 2292.5		5 2338.5		20 2384.5		5 2430.5
	19 2293.5		6 2339.5		21 2385.5		6 2431.5
	20 2294.5		7 2340.5		22 2386.5		7 2432.5
	21 2295.5		8 2341.5		23 2387.5		8 2433.5
	22 2296.5		9 2342.5		24 2388.5		9 2434.5
	23 2297.5		10 2343.5		25 2389.5		10 2435.5
	24 2298.5		11 2344.5		26 2390.5		11 2436.5
	25 2299.5		12 2345.5		27 2391.5		12 2437.5
	26 2300.5		13 2346.5		28 2392.5		13 2438.5
	27 2301.5		14 2347.5		29 2393.5		14 2439.5
	28 2302.5		15 2348.5		30 2394.5		15 2440.5
	29 2303.5		16 2349.5	May	1 2395.5		16 2441.5
	30 2304.5		17 2350.5		2 2396.5		17 2442.5
	31 2305.5		18 2351.5		3 2397.5		18 2443.5
Feb.	1 2306.5		19 2352.5		4 2398.5		19 2444.5
	2 2307.5		20 2353.5		5 2399.5		20 2445.5
	3 2308.5		21 2354.5		6 2400.5		21 2446.5
	4 2309.5		22 2355.5		7 2401.5		22 2447.5
	5 2310.5		23 2356.5		8 2402.5		23 2448.5
	6 2311.5		24 2357.5		9 2403.5		24 2449.5
	7 2312.5		25 2358.5		10 2404.5		25 2450.5
	8 2313.5		26 2359.5		11 2405.5		26 2451.5
	9 2314.5		27 2360.5		12 2406.5		27 2452.5
	10 2315.5		28 2361.5		13 2407.5		28 2453.5
	11 2316.5		29 2362.5		14 2408.5		29 2454.5
	12 2317.5		30 2363.5		15 2409.5		30 2455.5
	13 2318.5		31 2364.5		16 2410.5	July	1 2456.5
	14 2319.5	Apr.	1 2365.5		17 2411.5		2 2457.5

## JULIAN DAYS, 2002

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>245</b>		<b>245</b>		<b>245</b>		<b>245</b>
July	1 2456.5	Aug.	16 2502.5	Oct.	1 2548.5	Nov.	16 2594.5
	2 2457.5		17 2503.5		2 2549.5		17 2595.5
	3 2458.5		18 2504.5		3 2550.5		18 2596.5
	4 2459.5		19 2505.5		4 2551.5		19 2597.5
	5 2460.5		20 2506.5		5 2552.5		20 2598.5
	6 2461.5		21 2507.5		6 2553.5		21 2599.5
	7 2462.5		22 2508.5		7 2554.5		22 2600.5
	8 2463.5		23 2509.5		8 2555.5		23 2601.5
	9 2464.5		24 2510.5		9 2556.5		24 2602.5
	10 2465.5		25 2511.5		10 2557.5		25 2603.5
	11 2466.5		26 2512.5		11 2558.5		26 2604.5
	12 2467.5		27 2513.5		12 2559.5		27 2605.5
	13 2468.5		28 2514.5		13 2560.5		28 2606.5
	14 2469.5		29 2515.5		14 2561.5		29 2607.5
	15 2470.5		30 2516.5		15 2562.5		30 2608.5
	16 2471.5		31 2517.5		16 2563.5	Dec.	1 2609.5
	17 2472.5	Sept.	1 2518.5		17 2564.5		2 2610.5
	18 2473.5		2 2519.5		18 2565.5		3 2611.5
	19 2474.5		3 2520.5		19 2566.5		4 2612.5
	20 2475.5		4 2521.5		20 2567.5		5 2613.5
	21 2476.5		5 2522.5		21 2568.5		6 2614.5
	22 2477.5		6 2523.5		22 2569.5		7 2615.5
	23 2478.5		7 2524.5		23 2570.5		8 2616.5
	24 2479.5		8 2525.5		24 2571.5		9 2617.5
	25 2480.5		9 2526.5		25 2572.5		10 2618.5
	26 2481.5		10 2527.5		26 2573.5		11 2619.5
	27 2482.5		11 2528.5		27 2574.5		12 2620.5
	28 2483.5		12 2529.5		28 2575.5		13 2621.5
	29 2484.5		13 2530.5		29 2576.5		14 2622.5
	30 2485.5		14 2531.5		30 2577.5		15 2623.5
	31 2486.5		15 2532.5		31 2578.5		16 2624.5
Aug.	1 2487.5		16 2533.5	Nov.	1 2579.5		17 2625.5
	2 2488.5		17 2534.5		2 2580.5		18 2626.5
	3 2489.5		18 2535.5		3 2581.5		19 2627.5
	4 2490.5		19 2536.5		4 2582.5		20 2628.5
	5 2491.5		20 2537.5		5 2583.5		21 2629.5
	6 2492.5		21 2538.5		6 2584.5		22 2630.5
	7 2493.5		22 2539.5		7 2585.5		23 2631.5
	8 2494.5		23 2540.5		8 2586.5		24 2632.5
	9 2495.5		24 2541.5		9 2587.5		25 2633.5
	10 2496.5		25 2542.5		10 2588.5		26 2634.5
	11 2497.5		26 2543.5		11 2589.5		27 2635.5
	12 2498.5		27 2544.5		12 2590.5		28 2636.5
	13 2499.5		28 2545.5		13 2591.5		29 2637.5
	14 2500.5		29 2546.5		14 2592.5		30 2638.5
	15 2501.5		30 2547.5		15 2593.5		31 2639.5

## JULIAN DAYS, 2003

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>245</b>		<b>245</b>		<b>245</b>		<b>245</b>
Jan.	0 2639.5	Feb.	15 2685.5	Apr.	2 2731.5	May	18 2777.5
	1 2640.5		16 2686.5		3 2732.5		19 2778.5
	2 2641.5		17 2687.5		4 2733.5		20 2779.5
	3 2642.5		18 2688.5		5 2734.5		21 2780.5
	4 2643.5		19 2689.5		6 2735.5		22 2781.5
	5 2644.5		20 2690.5		7 2736.5		23 2782.5
	6 2645.5		21 2691.5		8 2737.5		24 2783.5
	7 2646.5		22 2692.5		9 2738.5		25 2784.5
	8 2647.5		23 2693.5		10 2739.5		26 2785.5
	9 2648.5		24 2694.5		11 2740.5		27 2786.5
	10 2649.5		25 2695.5		12 2741.5		28 2787.5
	11 2650.5		26 2696.5		13 2742.5		29 2788.5
	12 2651.5		27 2697.5		14 2743.5		30 2789.5
	13 2652.5		28 2698.5		15 2744.5		31 2790.5
	14 2653.5	Mar.	1 2699.5		16 2745.5	June	1 2791.5
	15 2654.5		2 2700.5		17 2746.5		2 2792.5
	16 2655.5		3 2701.5		18 2747.5		3 2793.5
	17 2656.5		4 2702.5		19 2748.5		4 2794.5
	18 2657.5		5 2703.5		20 2749.5		5 2795.5
	19 2658.5		6 2704.5		21 2750.5		6 2796.5
	20 2659.5		7 2705.5		22 2751.5		7 2797.5
	21 2660.5		8 2706.5		23 2752.5		8 2798.5
	22 2661.5		9 2707.5		24 2753.5		9 2799.5
	23 2662.5		10 2708.5		25 2754.5		10 2800.5
	24 2663.5		11 2709.5		26 2755.5		11 2801.5
	25 2664.5		12 2710.5		27 2756.5		12 2802.5
	26 2665.5		13 2711.5		28 2757.5		13 2803.5
	27 2666.5		14 2712.5		29 2758.5		14 2804.5
	28 2667.5		15 2713.5		30 2759.5		15 2805.5
	29 2668.5		16 2714.5	May	1 2760.5		16 2806.5
	30 2669.5		17 2715.5		2 2761.5		17 2807.5
	31 2670.5		18 2716.5		3 2762.5		18 2808.5
Feb.	1 2671.5		19 2717.5		4 2763.5		19 2809.5
	2 2672.5		20 2718.5		5 2764.5		20 2810.5
	3 2673.5		21 2719.5		6 2765.5		21 2811.5
	4 2674.5		22 2720.5		7 2766.5		22 2812.5
	5 2675.5		23 2721.5		8 2767.5		23 2813.5
	6 2676.5		24 2722.5		9 2768.5		24 2814.5
	7 2677.5		25 2723.5		10 2769.5		25 2815.5
	8 2678.5		26 2724.5		11 2770.5		26 2816.5
	9 2679.5		27 2725.5		12 2771.5		27 2817.5
	10 2680.5		28 2726.5		13 2772.5		28 2818.5
	11 2681.5		29 2727.5		14 2773.5		29 2819.5
	12 2682.5		30 2728.5		15 2774.5		30 2820.5
	13 2683.5		31 2729.5		16 2775.5	July	1 2821.5
	14 2684.5	Apr.	1 2730.5		17 2776.5		2 2822.5



## JULIAN DAYS, 2003

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>245</b>		<b>245</b>		<b>245</b>		<b>245</b>
July	1 2821.5	Aug.	16 2867.5	Oct.	1 2913.5	Nov.	16 2959.5
	2 2822.5		17 2868.5		2 2914.5		17 2960.5
	3 2823.5		18 2869.5		3 2915.5		18 2961.5
	4 2824.5		19 2870.5		4 2916.5		19 2962.5
	5 2825.5		20 2871.5		5 2917.5		20 2963.5
	6 2826.5		21 2872.5		6 2918.5		21 2964.5
	7 2827.5		22 2873.5		7 2919.5		22 2965.5
	8 2828.5		23 2874.5		8 2920.5		23 2966.5
	9 2829.5		24 2875.5		9 2921.5		24 2967.5
	10 2830.5		25 2876.5		10 2922.5		25 2968.5
	11 2831.5		26 2877.5		11 2923.5		26 2969.5
	12 2832.5		27 2878.5		12 2924.5		27 2970.5
	13 2833.5		28 2879.5		13 2925.5		28 2971.5
	14 2834.5		29 2880.5		14 2926.5		29 2972.5
	15 2835.5		30 2881.5		15 2927.5		30 2973.5
	16 2836.5		31 2882.5		16 2928.5	Dec.	1 2974.5
	17 2837.5	Sept.	1 2883.5		17 2929.5		2 2975.5
	18 2838.5		2 2884.5		18 2930.5		3 2976.5
	19 2839.5		3 2885.5		19 2931.5		4 2977.5
	20 2840.5		4 2886.5		20 2932.5		5 2978.5
	21 2841.5		5 2887.5		21 2933.5		6 2979.5
	22 2842.5		6 2888.5		22 2934.5		7 2980.5
	23 2843.5		7 2889.5		23 2935.5		8 2981.5
	24 2844.5		8 2890.5		24 2936.5		9 2982.5
	25 2845.5		9 2891.5		25 2937.5		10 2983.5
	26 2846.5		10 2892.5		26 2938.5		11 2984.5
	27 2847.5		11 2893.5		27 2939.5		12 2985.5
	28 2848.5		12 2894.5		28 2940.5		13 2986.5
	29 2849.5		13 2895.5		29 2941.5		14 2987.5
	30 2850.5		14 2896.5		30 2942.5		15 2988.5
	31 2851.5		15 2897.5		31 2943.5		16 2989.5
Aug.	1 2852.5		16 2898.5	Nov.	1 2944.5		17 2990.5
	2 2853.5		17 2899.5		2 2945.5		18 2991.5
	3 2854.5		18 2900.5		3 2946.5		19 2992.5
	4 2855.5		19 2901.5		4 2947.5		20 2993.5
	5 2856.5		20 2902.5		5 2948.5		21 2994.5
	6 2857.5		21 2903.5		6 2949.5		22 2995.5
	7 2858.5		22 2904.5		7 2950.5		23 2996.5
	8 2859.5		23 2905.5		8 2951.5		24 2997.5
	9 2860.5		24 2906.5		9 2952.5		25 2998.5
	10 2861.5		25 2907.5		10 2953.5		26 2999.5
	11 2862.5		26 2908.5		11 2954.5		27 3000.5
	12 2863.5		27 2909.5		12 2955.5		28 3001.5
	13 2864.5		28 2910.5		13 2956.5		29 3002.5
	14 2865.5		29 2911.5		14 2957.5		30 3003.5
	15 2866.5		30 2912.5		15 2958.5		31 3004.5

## JULIAN DAYS, 2004

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>245</b>		<b>245</b>		<b>245</b>		<b>245</b>
Jan.	0 <b>3004.5</b>	Feb.	15 <b>3050.5</b>	Apr.	1 <b>3096.5</b>	May	17 <b>3142.5</b>
	1 <b>3005.5</b>		16 <b>3051.5</b>		2 <b>3097.5</b>		18 <b>3143.5</b>
	2 <b>3006.5</b>		17 <b>3052.5</b>		3 <b>3098.5</b>		10 <b>3144.5</b>
	3 <b>3007.5</b>		18 <b>3053.5</b>		4 <b>3099.5</b>		20 <b>3145.5</b>
	4 <b>3008.5</b>		19 <b>3054.5</b>		5 <b>3100.5</b>		21 <b>3146.5</b>
	5 <b>3009.5</b>		20 <b>3055.5</b>		6 <b>3101.5</b>		22 <b>3147.5</b>
	6 <b>3010.5</b>		21 <b>3056.5</b>		7 <b>3102.5</b>		23 <b>3148.5</b>
	7 <b>3011.5</b>		22 <b>3057.5</b>		8 <b>3103.5</b>		24 <b>3149.5</b>
	8 <b>3012.5</b>		23 <b>3058.5</b>		9 <b>3104.5</b>		25 <b>3150.5</b>
	9 <b>3013.5</b>		24 <b>3059.5</b>		10 <b>3105.5</b>		26 <b>3151.5</b>
	10 <b>3014.5</b>		25 <b>3060.5</b>		11 <b>3106.5</b>		27 <b>3152.5</b>
	11 <b>3015.5</b>		26 <b>3061.5</b>		12 <b>3107.5</b>		28 <b>3153.5</b>
	12 <b>3016.5</b>		27 <b>3062.5</b>		13 <b>3108.5</b>		29 <b>3154.5</b>
	13 <b>3017.5</b>		28 <b>3063.5</b>		14 <b>3109.5</b>		30 <b>3155.5</b>
	14 <b>3018.5</b>		29 <b>3064.5</b>		15 <b>3110.5</b>		31 <b>3156.5</b>
	15 <b>3019.5</b>	Mar.	1 <b>3065.5</b>		16 <b>3111.5</b>	June	1 <b>3157.5</b>
	16 <b>3020.5</b>		2 <b>3066.5</b>		17 <b>3112.5</b>		2 <b>3158.5</b>
	17 <b>3021.5</b>		3 <b>3067.5</b>		18 <b>3113.5</b>		3 <b>3159.5</b>
	18 <b>3022.5</b>		4 <b>3068.5</b>		19 <b>3114.5</b>		4 <b>3160.5</b>
	19 <b>3023.5</b>		5 <b>3069.5</b>		20 <b>3115.5</b>		5 <b>3161.5</b>
	20 <b>3024.5</b>		6 <b>3070.5</b>		21 <b>3116.5</b>		6 <b>3162.5</b>
	21 <b>3025.5</b>		7 <b>3071.5</b>		22 <b>3117.5</b>		7 <b>3163.5</b>
	22 <b>3026.5</b>		8 <b>3072.5</b>		23 <b>3118.5</b>		8 <b>3164.5</b>
	23 <b>3027.5</b>		9 <b>3073.5</b>		24 <b>3119.5</b>		9 <b>3165.5</b>
	24 <b>3028.5</b>		10 <b>3074.5</b>		25 <b>3120.5</b>		10 <b>3166.5</b>
	25 <b>3029.5</b>		11 <b>3075.5</b>		26 <b>3121.5</b>		11 <b>3167.5</b>
	26 <b>3030.5</b>		12 <b>3076.5</b>		27 <b>3122.5</b>		12 <b>3168.5</b>
	27 <b>3031.5</b>		13 <b>3077.5</b>		28 <b>3123.5</b>		13 <b>3169.5</b>
	28 <b>3032.5</b>		14 <b>3078.5</b>		29 <b>3124.5</b>		14 <b>3170.5</b>
	29 <b>3033.5</b>		15 <b>3079.5</b>		30 <b>3125.5</b>		15 <b>3171.5</b>
	30 <b>3034.5</b>		16 <b>3080.5</b>	May	1 <b>3126.5</b>		16 <b>3172.5</b>
	31 <b>3035.5</b>		17 <b>3081.5</b>		2 <b>3127.5</b>		17 <b>3173.5</b>
Feb.	1 <b>3036.5</b>		18 <b>3082.5</b>		3 <b>3128.5</b>		18 <b>3174.5</b>
	2 <b>3037.5</b>		19 <b>3083.5</b>		4 <b>3129.5</b>		19 <b>3175.5</b>
	3 <b>3038.5</b>		20 <b>3084.5</b>		5 <b>3130.5</b>		20 <b>3176.5</b>
	4 <b>3039.5</b>		21 <b>3085.5</b>		6 <b>3131.5</b>		21 <b>3177.5</b>
	5 <b>3040.5</b>		22 <b>3086.5</b>		7 <b>3132.5</b>		22 <b>3178.5</b>
	6 <b>3041.5</b>		23 <b>3087.5</b>		8 <b>3133.5</b>		23 <b>3179.5</b>
	7 <b>3042.5</b>		24 <b>3088.5</b>		9 <b>3134.5</b>		24 <b>3180.5</b>
	8 <b>3043.5</b>		25 <b>3089.5</b>		10 <b>3135.5</b>		25 <b>3181.5</b>
	9 <b>3044.5</b>		26 <b>3090.5</b>		11 <b>3136.5</b>		26 <b>3182.5</b>
	10 <b>3045.5</b>		27 <b>3091.5</b>		12 <b>3137.5</b>		27 <b>3183.5</b>
	11 <b>3046.5</b>		28 <b>3092.5</b>		13 <b>3138.5</b>		28 <b>3184.5</b>
	12 <b>3047.5</b>		29 <b>3093.5</b>		14 <b>3139.5</b>		29 <b>3185.5</b>
	13 <b>3048.5</b>		30 <b>3094.5</b>		15 <b>3140.5</b>		30 <b>3186.5</b>
	14 <b>3049.5</b>		31 <b>3095.5</b>		16 <b>3141.5</b>	July	1 <b>3187.5</b>

## JULIAN DAYS, 2004

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>245</b>		<b>245</b>		<b>245</b>		<b>245</b>
July	1 3187.5	Aug.	16 3233.5	Oct.	1 3279.5	Nov.	16 3325.5
	2 3188.5		17 3234.5		2 3280.5		17 3326.5
	3 3189.5		18 3235.5		3 3281.5		18 3327.5
	4 3190.5		19 3236.5		4 3282.5		19 3328.5
	5 3191.5		20 3237.5		5 3283.5		20 3329.5
	6 3192.5		21 3238.5		6 3284.5		21 3330.5
	7 3193.5		22 3239.5		7 3285.5		22 3331.5
	8 3194.5		23 3240.5		8 3286.5		23 3332.5
	9 3195.5		24 3241.5		9 3287.5		24 3333.5
	10 3196.5		25 3242.5		10 3288.5		25 3334.5
	11 3197.5		26 3243.5		11 3289.5		26 3335.5
	12 3198.5		27 3244.5		12 3290.5		27 3336.5
	13 3199.5		28 3245.5		13 3291.5		28 3337.5
	14 3200.5		29 3246.5		14 3292.5		29 3338.5
	15 3201.5		30 3247.5		15 3293.5		30 3339.5
	16 3202.5		31 3248.5		16 3294.5	Dec.	1 3340.5
	17 3203.5	Sept.	1 3249.5		17 3295.5		2 3341.5
	18 3204.5		2 3250.5		18 3296.5		3 3342.5
	19 3205.5		3 3251.5		19 3297.5		4 3343.5
	20 3206.5		4 3252.5		20 3298.5		5 3344.5
	21 3207.5		5 3253.5		21 3299.5		6 3345.5
	22 3208.5		6 3254.5		22 3300.5		7 3346.5
	23 3209.5		7 3255.5		23 3301.5		8 3347.5
	24 3210.5		8 3256.5		24 3302.5		9 3348.5
	25 3211.5		9 3257.5		25 3303.5		10 3349.5
	26 3212.5		10 3258.5		26 3304.5		11 3350.5
	27 3213.5		11 3259.5		27 3305.5		12 3351.5
	28 3214.5		12 3260.5		28 3306.5		13 3352.5
	29 3215.5		13 3261.5		29 3307.5		14 3353.5
	30 3216.5		14 3262.5		30 3308.5		15 3354.5
	31 3217.5		15 3263.5		31 3309.5		16 3355.5
Aug.	1 3218.5		16 3264.5	Nov.	1 3310.5		17 3356.5
	2 3219.5		17 3265.5		2 3311.5		18 3357.5
	3 3220.5		18 3266.5		3 3312.5		19 3358.5
	4 3221.5		19 3267.5		4 3313.5		20 3359.5
	5 3222.5		20 3268.5		5 3314.5		21 3360.5
	6 3223.5		21 3269.5		6 3315.5		22 3361.5
	7 3224.5		22 3270.5		7 3316.5		23 3362.5
	8 3225.5		23 3271.5		8 3317.5		24 3363.5
	9 3226.5		24 3272.5		9 3318.5		25 3364.5
	10 3227.5		25 3273.5		10 3319.5		26 3365.5
	11 3228.5		26 3274.5		11 3320.5		27 3366.5
	12 3229.5		27 3275.5		12 3321.5		28 3367.5
	13 3230.5		28 3276.5		13 3322.5		29 3368.5
	14 3231.5		29 3277.5		14 3323.5		30 3369.5
	15 3232.5		30 3278.5		15 3324.5		31 3370.5

## JULIAN DAYS, 2005

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>245</b>		<b>245</b>		<b>245</b>		<b>245</b>
Jan.	0 3370.5	Feb.	15 3416.5	Apr.	2 3462.5	May	18 3508.5
	1 3371.5		16 3417.5		3 3463.5		19 3509.5
	2 3372.5		17 3418.5		4 3464.5		20 3510.5
	3 3373.5		18 3419.5		5 3465.5		21 3511.5
	4 3374.5		19 3420.5		6 3466.5		22 3512.5
	5 3375.5		20 3421.5		7 3467.5		23 3513.5
	6 3376.5		21 3422.5		8 3468.5		24 3514.5
	7 3377.5		22 3423.5		9 3469.5		25 3515.5
	8 3378.5		23 3424.5		10 3470.5		26 3516.5
	9 3379.5		24 3425.5		11 3471.5		27 3517.5
	10 3380.5		25 3426.5		12 3472.5		28 3518.5
	11 3381.5		26 3427.5		13 3473.5		29 3519.5
	12 3382.5		27 3428.5		14 3474.5		30 3520.5
	13 3383.5		28 3429.5		15 3475.5		31 3521.5
	14 3384.5	Mar.	1 3430.5		16 3476.5	June	1 3522.5
	15 3385.5		2 3431.5		17 3477.5		2 3523.5
	16 3386.5		3 3432.5		18 3478.5		3 3524.5
	17 3387.5		4 3433.5		19 3479.5		4 3525.5
	18 3388.5		5 3434.5		20 3480.5		5 3526.5
	19 3389.5		6 3435.5		21 3481.5		6 3527.5
	20 3390.5		7 3436.5		22 3482.5		7 3528.5
	21 3391.5		8 3437.5		23 3483.5		8 3529.5
	22 3392.5		9 3438.5		24 3484.5		9 3530.5
	23 3393.5		10 3439.5		25 3485.5		10 3531.5
	24 3394.5		11 3440.5		26 3486.5		11 3532.5
	25 3395.5		12 3441.5		27 3487.5		12 3533.5
	26 3396.5		13 3442.5		28 3488.5		13 3534.5
	27 3397.5		14 3443.5		29 3489.5		14 3535.5
	28 3398.5		15 3444.5		30 3490.5		15 3536.5
	29 3399.5		16 3445.5	May	1 3491.5		16 3537.5
	30 3400.5		17 3446.5		2 3492.5		17 3538.5
	31 3401.5		18 3447.5		3 3493.5		18 3539.5
Feb.	1 3402.5		19 3448.5		4 3494.5		19 3540.5
	2 3403.5		20 3449.5		5 3495.5		20 3541.5
	3 3404.5		21 3450.5		6 3496.5		21 3542.5
	4 3405.5		22 3451.5		7 3497.5		22 3543.5
	5 3406.5		23 3452.5		8 3498.5		23 3544.5
	6 3407.5		24 3453.5		9 3499.5		24 3545.5
	7 3408.5		25 3454.5		10 3500.5		25 3546.5
	8 3409.5		26 3455.5		11 3501.5		26 3547.5
	9 3410.5		27 3456.5		12 3502.5		27 3548.5
	10 3411.5		28 3457.5		13 3503.5		28 3549.5
	11 3412.5		29 3458.5		14 3504.5		29 3550.5
	12 3413.5		30 3459.5		15 3505.5		30 3551.5
	13 3414.5		31 3460.5		16 3506.5	July	1 3552.5
	14 3415.5	Apr.	1 3461.5		17 3507.5		2 3553.5

## JULIAN DAYS, 2005

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>245</b>		<b>245</b>		<b>245</b>		<b>245</b>
July	1 3552.5	Aug.	16 3598.5	Oct.	1 3644.5	Nov.	16 3690.5
	2 3553.5		17 3599.5		2 3645.5		17 3691.5
	3 3554.5		18 3600.5		3 3646.5		18 3692.5
	4 3555.5		19 3601.5		4 3647.5		19 3693.5
	5 3556.5		20 3602.5		5 3648.5		20 3694.5
	6 3557.5		21 3603.5		6 3649.5		21 3695.5
	7 3558.5		22 3604.5		7 3650.5		22 3696.5
	8 3559.5		23 3605.5		8 3651.5		23 3697.5
	9 3560.5		24 3606.5		9 3652.5		24 3698.5
	10 3561.5		25 3607.5		10 3653.5		25 3699.5
	11 3562.5		26 3608.5		11 3654.5		26 3700.5
	12 3563.5		27 3609.5		12 3655.5		27 3701.5
	13 3564.5		28 3610.5		13 3656.5		28 3702.5
	14 3565.5		29 3611.5		14 3657.5		29 3703.5
	15 3566.5		30 3612.5		15 3658.5		30 3704.5
	16 3567.5		31 3613.5		16 3659.5	Dec.	1 3705.5
	17 3568.5	Sept.	1 3614.5		17 3660.5		2 3706.5
	18 3569.5		2 3615.5		18 3661.5		3 3707.5
	19 3570.5		3 3616.5		19 3662.5		4 3708.5
	20 3571.5		4 3617.5		20 3663.5		5 3709.5
	21 3572.5		5 3618.5		21 3664.5		6 3710.5
	22 3573.5		6 3619.5		22 3665.5		7 3711.5
	23 3574.5		7 3620.5		23 3666.5		8 3712.5
	24 3575.5		8 3621.5		24 3667.5		9 3713.5
	25 3576.5		9 3622.5		25 3668.5		10 3714.5
	26 3577.5		10 3623.5		26 3669.5		11 3715.5
	27 3578.5		11 3624.5		27 3670.5		12 3716.5
	28 3579.5		12 3625.5		28 3671.5		13 3717.5
	29 3580.5		13 3626.5		29 3672.5		14 3718.5
	30 3581.5		14 3627.5		30 3673.5		15 3719.5
	31 3582.5		15 3628.5		31 3674.5		16 3720.5
Aug.	1 3583.5		16 3629.5	Nov.	1 3675.5		17 3721.5
	2 3584.5		17 3630.5		2 3676.5		18 3722.5
	3 3585.5		18 3631.5		3 3677.5		19 3723.5
	4 3586.5		19 3632.5		4 3678.5		20 3724.5
	5 3587.5		20 3633.5		5 3679.5		21 3725.5
	6 3588.5		21 3634.5		6 3680.5		22 3726.5
	7 3589.5		22 3635.5		7 3681.5		23 3727.5
	8 3590.5		23 3636.5		8 3682.5		24 3728.5
	9 3591.5		24 3637.5		9 3683.5		25 3729.5
	10 3592.5		25 3638.5		10 3684.5		26 3730.5
	11 3593.5		26 3639.5		11 3685.5		27 3731.5
	12 3594.5		27 3640.5		12 3686.5		28 3732.5
	13 3595.5		28 3641.5		13 3687.5		29 3733.5
	14 3596.5		29 3642.5		14 3688.5		30 3734.5
	15 3597.5		30 3643.5		15 3689.5		31 3735.5

## JULIAN DAYS, 2006

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>245</b>		<b>245</b>		<b>245</b>		<b>245</b>
Jan.	0 3735.5	Feb.	15 3781.5	Apr.	2 3827.5	May	18 3873.5
	1 3736.5		16 3782.5		3 3828.5		19 3874.5
	2 3737.5		17 3783.5		4 3829.5		20 3875.5
	3 3738.5		18 3784.5		5 3830.5		21 3876.5
	4 3739.5		19 3785.5		6 3831.5		22 3877.5
	5 3740.5		20 3786.5		7 3832.5		23 3878.5
	6 3741.5		21 3787.5		8 3833.5		24 3879.5
	7 3742.5		22 3788.5		9 3834.5		25 3880.5
	8 3743.5		23 3789.5		10 3835.5		26 3881.5
	9 3744.5		24 3790.5		11 3836.5		27 3882.5
	10 3745.5		25 3791.5		12 3837.5		28 3883.5
	11 3746.5		26 3792.5		13 3838.5		29 3884.5
	12 3747.5		27 3793.5		14 3839.5		30 3885.5
	13 3748.5		28 3794.5		15 3840.5		31 3886.5
	14 3749.5	Mar.	1 3795.5		16 3841.5	June	1 3887.5
	15 3750.5		2 3796.5		17 3842.5		2 3888.5
	16 3751.5		3 3797.5		18 3843.5		3 3889.5
	17 3752.5		4 3798.5		19 3844.5		4 3890.5
	18 3753.5		5 3799.5		20 3845.5		5 3891.5
	19 3754.5		6 3800.5		21 3846.5		6 3892.5
	20 3755.5		7 3801.5		22 3847.5		7 3893.5
	21 3756.5		8 3802.5		23 3848.5		8 3894.5
	22 3757.5		9 3803.5		24 3849.5		9 3895.5
	23 3758.5		10 3804.5		25 3850.5		10 3896.5
	24 3759.5		11 3805.5		26 3851.5		11 3897.5
	25 3760.5		12 3806.5		27 3852.5		12 3898.5
	26 3761.5		13 3807.5		28 3853.5		13 3899.5
	27 3762.5		14 3808.5		29 3854.5		14 3900.5
	28 3763.5		15 3809.5		30 3855.5		15 3901.5
	29 3764.5		16 3810.5	May	1 3856.5		16 3902.5
	30 3765.5		17 3811.5		2 3857.5		17 3903.5
	31 3766.5		18 3812.5		3 3858.5		18 3904.5
Feb.	1 3767.5		19 3813.5		4 3859.5		19 3905.5
	2 3768.5		20 3814.5		5 3860.5		20 3906.5
	3 3769.5		21 3815.5		6 3861.5		21 3907.5
	4 3770.5		22 3816.5		7 3862.5		22 3908.5
	5 3771.5		23 3817.5		8 3863.5		23 3909.5
	6 3772.5		24 3818.5		9 3864.5		24 3910.5
	7 3773.5		25 3819.5		10 3865.5		25 3911.5
	8 3774.5		26 3820.5		11 3866.5		26 3912.5
	9 3775.5		27 3821.5		12 3867.5		27 3913.5
	10 3776.5		28 3822.5		13 3868.5		28 3914.5
	11 3777.5		29 3823.5		14 3869.5		29 3915.5
	12 3778.5		30 3824.5		15 3870.5		30 3916.5
	13 3779.5		31 3825.5		16 3871.5	July	1 3917.5
	14 3780.5	Apr.	1 3826.5		17 3872.5		2 3918.5

## JULIAN DAYS, 2006

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>245</b>		<b>245</b>		<b>245</b>		<b>245</b>
July	1 <b>3917.5</b>	Aug.	16 <b>3963.5</b>	Oct.	1 <b>4009.5</b>	Nov.	16 <b>4055.5</b>
	2 <b>3918.5</b>		17 <b>3964.5</b>		2 <b>4010.5</b>		17 <b>4056.5</b>
	3 <b>3919.5</b>		18 <b>3965.5</b>		3 <b>4011.5</b>		18 <b>4057.5</b>
	4 <b>3920.5</b>		19 <b>3966.5</b>		4 <b>4012.5</b>		19 <b>4058.5</b>
	5 <b>3921.5</b>		20 <b>3967.5</b>		5 <b>4013.5</b>		20 <b>4059.5</b>
	6 <b>3922.5</b>		21 <b>3968.5</b>		6 <b>4014.5</b>		21 <b>4060.5</b>
	7 <b>3923.5</b>		22 <b>3969.5</b>		7 <b>4015.5</b>		22 <b>4061.5</b>
	8 <b>3924.5</b>		23 <b>3970.5</b>		8 <b>4016.5</b>		23 <b>4062.5</b>
	9 <b>3925.5</b>		24 <b>3971.5</b>		9 <b>4017.5</b>		24 <b>4063.5</b>
	10 <b>3926.5</b>		25 <b>3972.5</b>		10 <b>4018.5</b>		25 <b>4064.5</b>
	11 <b>3927.5</b>		26 <b>3973.5</b>		11 <b>4019.5</b>		26 <b>4065.5</b>
	12 <b>3928.5</b>		27 <b>3974.5</b>		12 <b>4020.5</b>		27 <b>4066.5</b>
	13 <b>3929.5</b>		28 <b>3975.5</b>		13 <b>4021.5</b>		28 <b>4067.5</b>
	14 <b>3930.5</b>		29 <b>3976.5</b>		14 <b>4022.5</b>		29 <b>4068.5</b>
	15 <b>3931.5</b>		30 <b>3977.5</b>		15 <b>4023.5</b>		30 <b>4069.5</b>
	16 <b>3932.5</b>		31 <b>3978.5</b>		16 <b>4024.5</b>	Dec.	1 <b>4070.5</b>
	17 <b>3933.5</b>	Sept.	1 <b>3979.5</b>		17 <b>4025.5</b>		2 <b>4071.5</b>
	18 <b>3934.5</b>		2 <b>3980.5</b>		18 <b>4026.5</b>		3 <b>4072.5</b>
	19 <b>3935.5</b>		3 <b>3981.5</b>		19 <b>4027.5</b>		4 <b>4073.5</b>
	20 <b>3936.5</b>		4 <b>3982.5</b>		20 <b>4028.5</b>		5 <b>4074.5</b>
	21 <b>3937.5</b>		5 <b>3983.5</b>		21 <b>4029.5</b>		6 <b>4075.5</b>
	22 <b>3938.5</b>		6 <b>3984.5</b>		22 <b>4030.5</b>		7 <b>4076.5</b>
	23 <b>3939.5</b>		7 <b>3985.5</b>		23 <b>4031.5</b>		8 <b>4077.5</b>
	24 <b>3940.5</b>		8 <b>3986.5</b>		24 <b>4032.5</b>		9 <b>4078.5</b>
	25 <b>3941.5</b>		9 <b>3987.5</b>		25 <b>4033.5</b>		10 <b>4079.5</b>
	26 <b>3942.5</b>		10 <b>3988.5</b>		26 <b>4034.5</b>		11 <b>4080.5</b>
	27 <b>3943.5</b>		11 <b>3989.5</b>		27 <b>4035.5</b>		12 <b>4081.5</b>
	28 <b>3944.5</b>		12 <b>3990.5</b>		28 <b>4036.5</b>		13 <b>4082.5</b>
	29 <b>3945.5</b>		13 <b>3991.5</b>		29 <b>4037.5</b>		14 <b>4083.5</b>
	30 <b>3946.5</b>		14 <b>3992.5</b>		30 <b>4038.5</b>		15 <b>4084.5</b>
	31 <b>3947.5</b>		15 <b>3993.5</b>		31 <b>4039.5</b>		16 <b>4085.5</b>
Aug.	1 <b>3948.5</b>		16 <b>3994.5</b>	Nov.	1 <b>4040.5</b>		17 <b>4086.5</b>
	2 <b>3949.5</b>		17 <b>3995.5</b>		2 <b>4041.5</b>		18 <b>4087.5</b>
	3 <b>3950.5</b>		18 <b>3996.5</b>		3 <b>4042.5</b>		19 <b>4088.5</b>
	4 <b>3951.5</b>		19 <b>3997.5</b>		4 <b>4043.5</b>		20 <b>4089.5</b>
	5 <b>3952.5</b>		20 <b>3998.5</b>		5 <b>4044.5</b>		21 <b>4090.5</b>
	6 <b>3953.5</b>		21 <b>3999.5</b>		6 <b>4045.5</b>		22 <b>4091.5</b>
	7 <b>3954.5</b>		22 <b>4000.5</b>		7 <b>4046.5</b>		23 <b>4092.5</b>
	8 <b>3955.5</b>		23 <b>4001.5</b>		8 <b>4047.5</b>		24 <b>4093.5</b>
	9 <b>3956.5</b>		24 <b>4002.5</b>		9 <b>4048.5</b>		25 <b>4094.5</b>
	10 <b>3957.5</b>		25 <b>4003.5</b>		10 <b>4049.5</b>		26 <b>4095.5</b>
	11 <b>3958.5</b>		26 <b>4004.5</b>		11 <b>4050.5</b>		27 <b>4096.5</b>
	12 <b>3959.5</b>		27 <b>4005.5</b>		12 <b>4051.5</b>		28 <b>4097.5</b>
	13 <b>3960.5</b>		28 <b>4006.5</b>		13 <b>4052.5</b>		29 <b>4098.5</b>
	14 <b>3961.5</b>		29 <b>4007.5</b>		14 <b>4053.5</b>		30 <b>4099.5</b>
	15 <b>3962.5</b>		30 <b>4008.5</b>		15 <b>4054.5</b>		31 <b>4100.5</b>

## JULIAN DAYS, 2007

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>245</b>		<b>245</b>		<b>245</b>		<b>245</b>
Jan.	0 <b>4100.5</b>	Feb.	15 <b>4146.5</b>	Apr.	2 <b>4192.5</b>	May	18 <b>4238.5</b>
	1 <b>4101.5</b>		16 <b>4147.5</b>		3 <b>4193.5</b>		19 <b>4239.5</b>
	2 <b>4102.5</b>		17 <b>4148.5</b>		4 <b>4194.5</b>		20 <b>4240.5</b>
	3 <b>4103.5</b>		18 <b>4149.5</b>		5 <b>4195.5</b>		21 <b>4241.5</b>
	4 <b>4104.5</b>		19 <b>4150.5</b>		6 <b>4196.5</b>		22 <b>4242.5</b>
	5 <b>4105.5</b>		20 <b>4151.5</b>		7 <b>4197.5</b>		23 <b>4243.5</b>
	6 <b>4106.5</b>		21 <b>4152.5</b>		8 <b>4198.5</b>		24 <b>4244.5</b>
	7 <b>4107.5</b>		22 <b>4153.5</b>		9 <b>4199.5</b>		25 <b>4245.5</b>
	8 <b>4108.5</b>		23 <b>4154.5</b>		10 <b>4200.5</b>		26 <b>4246.5</b>
	9 <b>4109.5</b>		24 <b>4155.5</b>		11 <b>4201.5</b>		27 <b>4247.5</b>
	10 <b>4110.5</b>		25 <b>4156.5</b>		12 <b>4202.5</b>		28 <b>4248.5</b>
	11 <b>4111.5</b>		26 <b>4157.5</b>		13 <b>4203.5</b>		29 <b>4249.5</b>
	12 <b>4112.5</b>		27 <b>4158.5</b>		14 <b>4204.5</b>		30 <b>4250.5</b>
	13 <b>4113.5</b>		28 <b>4159.5</b>		15 <b>4205.5</b>		31 <b>4251.5</b>
	14 <b>4114.5</b>	Mar.	1 <b>4160.5</b>		16 <b>4206.5</b>	June	1 <b>4252.5</b>
	15 <b>4115.5</b>		2 <b>4161.5</b>		17 <b>4207.5</b>		2 <b>4253.5</b>
	16 <b>4116.5</b>		3 <b>4162.5</b>		18 <b>4208.5</b>		3 <b>4254.5</b>
	17 <b>4117.5</b>		4 <b>4163.5</b>		19 <b>4209.5</b>		4 <b>4255.5</b>
	18 <b>4118.5</b>		5 <b>4164.5</b>		20 <b>4210.5</b>		5 <b>4256.5</b>
	19 <b>4119.5</b>		6 <b>4165.5</b>		21 <b>4211.5</b>		6 <b>4257.5</b>
	20 <b>4120.5</b>		7 <b>4166.5</b>		22 <b>4212.5</b>		7 <b>4258.5</b>
	21 <b>4121.5</b>		8 <b>4167.5</b>		23 <b>4213.5</b>		8 <b>4259.5</b>
	22 <b>4122.5</b>		9 <b>4168.5</b>		24 <b>4214.5</b>		9 <b>4260.5</b>
	23 <b>4123.5</b>		10 <b>4169.5</b>		25 <b>4215.5</b>		10 <b>4261.5</b>
	24 <b>4124.5</b>		11 <b>4170.5</b>		26 <b>4216.5</b>		11 <b>4262.5</b>
	25 <b>4125.5</b>		12 <b>4171.5</b>		27 <b>4217.5</b>		12 <b>4263.5</b>
	26 <b>4126.5</b>		13 <b>4172.5</b>		28 <b>4218.5</b>		13 <b>4264.5</b>
	27 <b>4127.5</b>		14 <b>4173.5</b>		29 <b>4219.5</b>		14 <b>4265.5</b>
	28 <b>4128.5</b>		15 <b>4174.5</b>		30 <b>4220.5</b>		15 <b>4266.5</b>
	29 <b>4129.5</b>		16 <b>4175.5</b>	May	1 <b>4221.5</b>		16 <b>4267.5</b>
	30 <b>4130.5</b>		17 <b>4176.5</b>		2 <b>4222.5</b>		17 <b>4268.5</b>
	31 <b>4131.5</b>		18 <b>4177.5</b>		3 <b>4223.5</b>		18 <b>4269.5</b>
Feb.	1 <b>4132.5</b>		19 <b>4178.5</b>		4 <b>4224.5</b>		19 <b>4270.5</b>
	2 <b>4133.5</b>		20 <b>4179.5</b>		5 <b>4225.5</b>		20 <b>4271.5</b>
	3 <b>4134.5</b>		21 <b>4180.5</b>		6 <b>4226.5</b>		21 <b>4272.5</b>
	4 <b>4135.5</b>		22 <b>4181.5</b>		7 <b>4227.5</b>		22 <b>4273.5</b>
	5 <b>4136.5</b>		23 <b>4182.5</b>		8 <b>4228.5</b>		23 <b>4274.5</b>
	6 <b>4137.5</b>		24 <b>4183.5</b>		9 <b>4229.5</b>		24 <b>4275.5</b>
	7 <b>4138.5</b>		25 <b>4184.5</b>		10 <b>4230.5</b>		25 <b>4276.5</b>
	8 <b>4139.5</b>		26 <b>4185.5</b>		11 <b>4231.5</b>		26 <b>4277.5</b>
	9 <b>4140.5</b>		27 <b>4186.5</b>		12 <b>4232.5</b>		27 <b>4278.5</b>
	10 <b>4141.5</b>		28 <b>4187.5</b>		13 <b>4233.5</b>		28 <b>4279.5</b>
	11 <b>4142.5</b>		29 <b>4188.5</b>		14 <b>4234.5</b>		29 <b>4280.5</b>
	12 <b>4143.5</b>		30 <b>4189.5</b>		15 <b>4235.5</b>		30 <b>4281.5</b>
	13 <b>4144.5</b>		31 <b>4190.5</b>		16 <b>4236.5</b>	July	1 <b>4282.5</b>
	14 <b>4145.5</b>	Apr.	1 <b>4191.5</b>		17 <b>4237.5</b>		2 <b>4283.5</b>



## JULIAN DAYS, 2007

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day		
	<b>245</b>		<b>245</b>		<b>245</b>		<b>245</b>		
July	1	4282.5	Aug. 16	4328.5	Oct. 1	4374.5	Nov. 16	4420.5	
	2	4283.5		17	4329.5	2	4375.5	17	4421.5
	3	4284.5		18	4330.5	3	4376.5	18	4422.5
	4	4285.5		19	4331.5	4	4377.5	19	4423.5
	5	4286.5		20	4332.5	5	4378.5	20	4424.5
	6	4287.5		21	4333.5	6	4379.5	21	4425.5
	7	4288.5		22	4334.5	7	4380.5	22	4426.5
	8	4289.5		23	4335.5	8	4381.5	23	4427.5
	9	4290.5		24	4336.5	9	4382.5	24	4428.5
	10	4291.5		25	4337.5	10	4383.5	25	4429.5
	11	4292.5		26	4338.5	11	4384.5	26	4430.5
	12	4293.5		27	4339.5	12	4385.5	27	4431.5
	13	4294.5		28	4340.5	13	4386.5	28	4432.5
	14	4295.5		29	4341.5	14	4387.5	29	4433.5
	15	4296.5		30	4342.5	15	4388.5	30	4434.5
	16	4297.5		31	4343.5	16	4389.5	Dec. 1	4435.5
	17	4298.5	Sept. 1	4344.5	17	4390.5	2	4436.5	
	18	4299.5		2	4345.5	18	4391.5	3	4437.5
	19	4300.5		3	4346.5	19	4392.5	4	4438.5
	20	4301.5		4	4347.5	20	4393.5	5	4439.5
	21	4302.5		5	4348.5	21	4394.5	6	4440.5
	22	4303.5		6	4349.5	22	4395.5	7	4441.5
	23	4304.5		7	4350.5	23	4396.5	8	4442.5
	24	4305.5		8	4351.5	24	4397.5	9	4443.5
	25	4306.5		9	4352.5	25	4398.5	10	4444.5
	26	4307.5		10	4353.5	26	4399.5	11	4445.5
	27	4308.5		11	4354.5	27	4400.5	12	4446.5
	28	4309.5		12	4355.5	28	4401.5	13	4447.5
	29	4310.5		13	4356.5	29	4402.5	14	4448.5
	30	4311.5		14	4357.5	30	4403.5	15	4449.5
	31	4312.5		15	4358.5	31	4404.5	16	4450.5
Aug.	1	4313.5		16	4359.5	Nov. 1	4405.5	17	4451.5
	2	4314.5		17	4360.5	2	4406.5	18	4452.5
	3	4315.5		18	4361.5	3	4407.5	19	4453.5
	4	4316.5		19	4362.5	4	4408.5	20	4454.5
	5	4317.5		20	4363.5	5	4409.5	21	4455.5
	6	4318.5		21	4364.5	6	4410.5	22	4456.5
	7	4319.5		22	4365.5	7	4411.5	23	4457.5
	8	4320.5		23	4366.5	8	4412.5	24	4458.5
	9	4321.5		24	4367.5	9	4413.5	25	4459.5
	10	4322.5		25	4368.5	10	4414.5	26	4460.5
	11	4323.5		26	4369.5	11	4415.5	27	4461.5
	12	4324.5		27	4370.5	12	4416.5	28	4462.5
	13	4325.5		28	4371.5	13	4417.5	29	4463.5
	14	4326.5		29	4372.5	14	4418.5	30	4464.5
	15	4327.5		30	4373.5	15	4419.5	31	4465.5

## JULIAN DAYS, 2008

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>245</b>		<b>245</b>		<b>245</b>		<b>245</b>
Jan.	0 4465.5	Feb.	15 4511.5	Apr.	1 4557.5	May	17 4603.5
	1 4466.5		16 4512.5		2 4558.5		18 4604.5
	2 4467.5		17 4513.5		3 4559.5		10 4605.5
	3 4468.5		18 4514.5		4 4560.5		20 4606.5
	4 4469.5		19 4515.5		5 4561.5		21 4607.5
	5 4470.5		20 4516.5		6 4562.5		22 4608.5
	6 4471.5		21 4517.5		7 4563.5		23 4609.5
	7 4472.5		22 4518.5		8 4564.5		24 4610.5
	8 4473.5		23 4519.5		9 4565.5		25 4611.5
	9 4474.5		24 4520.5		10 4566.5		26 4612.5
	10 4475.5		25 4521.5		11 4567.5		27 4613.5
	11 4476.5		26 4522.5		12 4568.5		28 4614.5
	12 4477.5		27 4523.5		13 4569.5		29 4615.5
	13 4478.5		28 4524.5		14 4570.5		30 4616.5
	14 4479.5		29 4525.5		15 4571.5		31 4617.5
	15 4480.5	Mar.	1 4526.5		16 4572.5	June	1 4618.5
	16 4481.5		2 4527.5		17 4573.5		2 4619.5
	17 4482.5		3 4528.5		18 4574.5		3 4620.5
	18 4483.5		4 4529.5		19 4575.5		4 4621.5
	19 4484.5		5 4530.5		20 4576.5		5 4622.5
	20 4485.5		6 4531.5		21 4577.5		6 4623.5
	21 4486.5		7 4532.5		22 4578.5		7 4624.5
	22 4487.5		8 4533.5		23 4579.5		8 4625.5
	23 4488.5		9 4534.5		24 4580.5		9 4626.5
	24 4489.5		10 4535.5		25 4581.5		10 4627.5
	25 4490.5		11 4536.5		26 4582.5		11 4628.5
	26 4491.5		12 4537.5		27 4583.5		12 4629.5
	27 4492.5		13 4538.5		28 4584.5		13 4630.5
	28 4493.5		14 4539.5		29 4585.5		14 4631.5
	29 4494.5		15 4540.5		30 4586.5		15 4632.5
	30 4495.5		16 4541.5	May	1 4587.5		16 4633.5
	31 4496.5		17 4542.5		2 4588.5		17 4634.5
Feb.	1 4497.5		18 4543.5		3 4589.5		18 4635.5
	2 4498.5		19 4544.5		4 4590.5		19 4636.5
	3 4499.5		20 4545.5		5 4591.5		20 4637.5
	4 4500.5		21 4546.5		6 4592.5		21 4638.5
	5 4501.5		22 4547.5		7 4593.5		22 4639.5
	6 4502.5		23 4548.5		8 4594.5		23 4640.5
	7 4503.5		24 4549.5		9 4595.5		24 4641.5
	8 4504.5		25 4550.5		10 4596.5		25 4642.5
	9 4505.5		26 4551.5		11 4597.5		26 4643.5
	10 4506.5		27 4552.5		12 4598.5		27 4644.5
	11 4507.5		28 4553.5		13 4599.5		28 4645.5
	12 4508.5		29 4554.5		14 4600.5		29 4646.5
	13 4509.5		30 4555.5		15 4601.5		30 4647.5
	14 4510.5		31 4556.5		16 4602.5	July	1 4648.5

## JULIAN DAYS, 2008

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>245</b>		<b>245</b>		<b>245</b>		<b>245</b>
July	1 <b>4648.5</b>	Aug.	16 <b>4694.5</b>	Oct.	1 <b>4740.5</b>	Nov.	16 <b>4786.5</b>
	2 <b>4649.5</b>		17 <b>4695.5</b>		2 <b>4741.5</b>		17 <b>4787.5</b>
	3 <b>4650.5</b>		18 <b>4696.5</b>		3 <b>4742.5</b>		18 <b>4788.5</b>
	4 <b>4651.5</b>		19 <b>4697.5</b>		4 <b>4743.5</b>		19 <b>4789.5</b>
	5 <b>4652.5</b>		20 <b>4698.5</b>		5 <b>4744.5</b>		20 <b>4790.5</b>
	6 <b>4653.5</b>		21 <b>4699.5</b>		6 <b>4745.5</b>		21 <b>4791.5</b>
	7 <b>4654.5</b>		22 <b>4700.5</b>		7 <b>4746.5</b>		22 <b>4792.5</b>
	8 <b>4655.5</b>		23 <b>4701.5</b>		8 <b>4747.5</b>		23 <b>4793.5</b>
	9 <b>4656.5</b>		24 <b>4702.5</b>		9 <b>4748.5</b>		24 <b>4794.5</b>
	10 <b>4657.5</b>		25 <b>4703.5</b>		10 <b>4749.5</b>		25 <b>4795.5</b>
	11 <b>4658.5</b>		26 <b>4704.5</b>		11 <b>4750.5</b>		26 <b>4796.5</b>
	12 <b>4659.5</b>		27 <b>4705.5</b>		12 <b>4751.5</b>		27 <b>4797.5</b>
	13 <b>4660.5</b>		28 <b>4706.5</b>		13 <b>4752.5</b>		28 <b>4798.5</b>
	14 <b>4661.5</b>		29 <b>4707.5</b>		14 <b>4753.5</b>		29 <b>4799.5</b>
	15 <b>4662.5</b>		30 <b>4708.5</b>		15 <b>4754.5</b>		30 <b>4800.5</b>
	16 <b>4663.5</b>		31 <b>4709.5</b>		16 <b>4755.5</b>	Dec.	1 <b>4801.5</b>
	17 <b>4664.5</b>	Sept.	1 <b>4710.5</b>		17 <b>4756.5</b>		2 <b>4802.5</b>
	18 <b>4665.5</b>		2 <b>4711.5</b>		18 <b>4757.5</b>		3 <b>4803.5</b>
	19 <b>4666.5</b>		3 <b>4712.5</b>		19 <b>4758.5</b>		4 <b>4804.5</b>
	20 <b>4667.5</b>		4 <b>4713.5</b>		20 <b>4759.5</b>		5 <b>4805.5</b>
	21 <b>4668.5</b>		5 <b>4714.5</b>		21 <b>4760.5</b>		6 <b>4806.5</b>
	22 <b>4669.5</b>		6 <b>4715.5</b>		22 <b>4761.5</b>		7 <b>4807.5</b>
	23 <b>4670.5</b>		7 <b>4716.5</b>		23 <b>4762.5</b>		8 <b>4808.5</b>
	24 <b>4671.5</b>		8 <b>4717.5</b>		24 <b>4763.5</b>		9 <b>4809.5</b>
	25 <b>4672.5</b>		9 <b>4718.5</b>		25 <b>4764.5</b>		10 <b>4810.5</b>
	26 <b>4673.5</b>		10 <b>4719.5</b>		26 <b>4765.5</b>		11 <b>4811.5</b>
	27 <b>4674.5</b>		11 <b>4720.5</b>		27 <b>4766.5</b>		12 <b>4812.5</b>
	28 <b>4675.5</b>		12 <b>4721.5</b>		28 <b>4767.5</b>		13 <b>4813.5</b>
	29 <b>4676.5</b>		13 <b>4722.5</b>		29 <b>4768.5</b>		14 <b>4814.5</b>
	30 <b>4677.5</b>		14 <b>4723.5</b>		30 <b>4769.5</b>		15 <b>4815.5</b>
	31 <b>4678.5</b>		15 <b>4724.5</b>		31 <b>4770.5</b>		16 <b>4816.5</b>
Aug.	1 <b>4679.5</b>		16 <b>4725.5</b>	Nov.	1 <b>4771.5</b>		17 <b>4817.5</b>
	2 <b>4680.5</b>		17 <b>4726.5</b>		2 <b>4772.5</b>		18 <b>4818.5</b>
	3 <b>4681.5</b>		18 <b>4727.5</b>		3 <b>4773.5</b>		19 <b>4819.5</b>
	4 <b>4682.5</b>		19 <b>4728.5</b>		4 <b>4774.5</b>		20 <b>4820.5</b>
	5 <b>4683.5</b>		20 <b>4729.5</b>		5 <b>4775.5</b>		21 <b>4821.5</b>
	6 <b>4684.5</b>		21 <b>4730.5</b>		6 <b>4776.5</b>		22 <b>4822.5</b>
	7 <b>4685.5</b>		22 <b>4731.5</b>		7 <b>4777.5</b>		23 <b>4823.5</b>
	8 <b>4686.5</b>		23 <b>4732.5</b>		8 <b>4778.5</b>		24 <b>4824.5</b>
	9 <b>4687.5</b>		24 <b>4733.5</b>		9 <b>4779.5</b>		25 <b>4825.5</b>
	10 <b>4688.5</b>		25 <b>4734.5</b>		10 <b>4780.5</b>		26 <b>4826.5</b>
	11 <b>4689.5</b>		26 <b>4735.5</b>		11 <b>4781.5</b>		27 <b>4827.5</b>
	12 <b>4690.5</b>		27 <b>4736.5</b>		12 <b>4782.5</b>		28 <b>4828.5</b>
	13 <b>4691.5</b>		28 <b>4737.5</b>		13 <b>4783.5</b>		29 <b>4829.5</b>
	14 <b>4692.5</b>		29 <b>4738.5</b>		14 <b>4784.5</b>		30 <b>4830.5</b>
	15 <b>4693.5</b>		30 <b>4739.5</b>		15 <b>4785.5</b>		31 <b>4831.5</b>

## JULIAN DAYS, 2009

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>245</b>		<b>245</b>		<b>245</b>		<b>245</b>
Jan.	0 4831.5	Feb.	15 4877.5	Apr.	2 4923.5	May	18 4969.5
	1 4832.5		16 4878.5		3 4924.5		19 4970.5
	2 4833.5		17 4879.5		4 4925.5		20 4971.5
	3 4834.5		18 4880.5		5 4926.5		21 4972.5
	4 4835.5		19 4881.5		6 4927.5		22 4973.5
	5 4836.5		20 4882.5		7 4928.5		23 4974.5
	6 4837.5		21 4883.5		8 4929.5		24 4975.5
	7 4838.5		22 4884.5		9 4930.5		25 4976.5
	8 4839.5		23 4885.5		10 4931.5		26 4977.5
	9 4840.5		24 4886.5		11 4932.5		27 4978.5
	10 4841.5		25 4887.5		12 4933.5		28 4979.5
	11 4842.5		26 4888.5		13 4934.5		29 4980.5
	12 4843.5		27 4889.5		14 4935.5		30 4981.5
	13 4844.5		28 4890.5		15 4936.5		31 4982.5
	14 4845.5	Mar.	1 4891.5		16 4937.5	June	1 4983.5
	15 4846.5		2 4892.5		17 4938.5		2 4984.5
	16 4847.5		3 4893.5		18 4939.5		3 4985.5
	17 4848.5		4 4894.5		19 4940.5		4 4986.5
	18 4849.5		5 4895.5		20 4941.5		5 4987.5
	19 4850.5		6 4896.5		21 4942.5		6 4988.5
	20 4851.5		7 4897.5		22 4943.5		7 4989.5
	21 4852.5		8 4898.5		23 4944.5		8 4990.5
	22 4853.5		9 4899.5		24 4945.5		9 4991.5
	23 4854.5		10 4900.5		25 4946.5		10 4992.5
	24 4855.5		11 4901.5		26 4947.5		11 4993.5
	25 4856.5		12 4902.5		27 4948.5		12 4994.5
	26 4857.5		13 4903.5		28 4949.5		13 4995.5
	27 4858.5		14 4904.5		29 4950.5		14 4996.5
	28 4859.5		15 4905.5		30 4951.5		15 4997.5
	29 4860.5		16 4906.5	May	1 4952.5		16 4998.5
	30 4861.5		17 4907.5		2 4953.5		17 4999.5
	31 4862.5		18 4908.5		3 4954.5		18 5000.5
Feb.	1 4863.5		19 4909.5		4 4955.5		19 5001.5
	2 4864.5		20 4910.5		5 4956.5		20 5002.5
	3 4865.5		21 4911.5		6 4957.5		21 5003.5
	4 4866.5		22 4912.5		7 4958.5		22 5004.5
	5 4867.5		23 4913.5		8 4959.5		23 5005.5
	6 4868.5		24 4914.5		9 4960.5		24 5006.5
	7 4869.5		25 4915.5		10 4961.5		25 5007.5
	8 4870.5		26 4916.5		11 4962.5		26 5008.5
	9 4871.5		27 4917.5		12 4963.5		27 5009.5
	10 4872.5		28 4918.5		13 4964.5		28 5010.5
	11 4873.5		29 4919.5		14 4965.5		29 5011.5
	12 4874.5		30 4920.5		15 4966.5		30 5012.5
	13 4875.5		31 4921.5		16 4967.5	July	1 5013.5
	14 4876.5	Apr.	1 4922.5		17 4968.5		2 5014.5

## JULIAN DAYS, 2009

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>245</b>		<b>245</b>		<b>245</b>		<b>245</b>
July	1 5013.5	Aug.	16 5059.5	Oct.	1 5105.5	Nov.	16 5151.5
	2 5014.5		17 5060.5		2 5106.5		17 5152.5
	3 5015.5		18 5061.5		3 5107.5		18 5153.5
	4 5016.5		19 5062.5		4 5108.5		19 5154.5
	5 5017.5		20 5063.5		5 5109.5		20 5155.5
	6 5018.5		21 5064.5		6 5110.5		21 5156.5
	7 5019.5		22 5065.5		7 5111.5		22 5157.5
	8 5020.5		23 5066.5		8 5112.5		23 5158.5
	9 5021.5		24 5067.5		9 5113.5		24 5159.5
	10 5022.5		25 5068.5		10 5114.5		25 5160.5
	11 5023.5		26 5069.5		11 5115.5		26 5161.5
	12 5024.5		27 5070.5		12 5116.5		27 5162.5
	13 5025.5		28 5071.5		13 5117.5		28 5163.5
	14 5026.5		29 5072.5		14 5118.5		29 5164.5
	15 5027.5		30 5073.5		15 5119.5		30 5165.5
	16 5028.5		31 5074.5		16 5120.5	Dec.	1 5166.5
	17 5029.5	Sept.	1 5075.5		17 5121.5		2 5167.5
	18 5030.5		2 5076.5		18 5122.5		3 5168.5
	19 5031.5		3 5077.5		19 5123.5		4 5169.5
	20 5032.5		4 5078.5		20 5124.5		5 5170.5
	21 5033.5		5 5079.5		21 5125.5		6 5171.5
	22 5034.5		6 5080.5		22 5126.5		7 5172.5
	23 5035.5		7 5081.5		23 5127.5		8 5173.5
	24 5036.5		8 5082.5		24 5128.5		9 5174.5
	25 5037.5		9 5083.5		25 5129.5		10 5175.5
	26 5038.5		10 5084.5		26 5130.5		11 5176.5
	27 5039.5		11 5085.5		27 5131.5		12 5177.5
	28 5040.5		12 5086.5		28 5132.5		13 5178.5
	29 5041.5		13 5087.5		29 5133.5		14 5179.5
	30 5042.5		14 5088.5		30 5134.5		15 5180.5
	31 5043.5		15 5089.5		31 5135.5		16 5181.5
Aug.	1 5044.5		16 5090.5	Nov.	1 5136.5		17 5182.5
	2 5045.5		17 5091.5		2 5137.5		18 5183.5
	3 5046.5		18 5092.5		3 5138.5		19 5184.5
	4 5047.5		19 5093.5		4 5139.5		20 5185.5
	5 5048.5		20 5094.5		5 5140.5		21 5186.5
	6 5049.5		21 5095.5		6 5141.5		22 5187.5
	7 5050.5		22 5096.5		7 5142.5		23 5188.5
	8 5051.5		23 5097.5		8 5143.5		24 5189.5
	9 5052.5		24 5098.5		9 5144.5		25 5190.5
	10 5053.5		25 5099.5		10 5145.5		26 5191.5
	11 5054.5		26 5100.5		11 5146.5		27 5192.5
	12 5055.5		27 5101.5		12 5147.5		28 5193.5
	13 5056.5		28 5102.5		13 5148.5		29 5194.5
	14 5057.5		29 5103.5		14 5149.5		30 5195.5
	15 5058.5		30 5104.5		15 5150.5		31 5196.5

## JULIAN DAYS, 2010

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>245</b>		<b>245</b>		<b>245</b>		<b>245</b>
Jan.	0 <b>5196.5</b>	Feb.	15 <b>5242.5</b>	Apr.	2 <b>5288.5</b>	May	18 <b>5334.5</b>
	1 <b>5197.5</b>		16 <b>5243.5</b>		3 <b>5289.5</b>		19 <b>5335.5</b>
	2 <b>5198.5</b>		17 <b>5244.5</b>		4 <b>5290.5</b>		20 <b>5336.5</b>
	3 <b>5199.5</b>		18 <b>5245.5</b>		5 <b>5291.5</b>		21 <b>5337.5</b>
	4 <b>5200.5</b>		19 <b>5246.5</b>		6 <b>5292.5</b>		22 <b>5338.5</b>
	5 <b>5201.5</b>		20 <b>5247.5</b>		7 <b>5293.5</b>		23 <b>5339.5</b>
	6 <b>5202.5</b>		21 <b>5248.5</b>		8 <b>5294.5</b>		24 <b>5340.5</b>
	7 <b>5203.5</b>		22 <b>5249.5</b>		9 <b>5295.5</b>		25 <b>5341.5</b>
	8 <b>5204.5</b>		23 <b>5250.5</b>		10 <b>5296.5</b>		26 <b>5342.5</b>
	9 <b>5205.5</b>		24 <b>5251.5</b>		11 <b>5297.5</b>		27 <b>5343.5</b>
	10 <b>5206.5</b>		25 <b>5252.5</b>		12 <b>5298.5</b>		28 <b>5344.5</b>
	11 <b>5207.5</b>		26 <b>5253.5</b>		13 <b>5299.5</b>		29 <b>5345.5</b>
	12 <b>5208.5</b>		27 <b>5254.5</b>		14 <b>5300.5</b>		30 <b>5346.5</b>
	13 <b>5209.5</b>		28 <b>5255.5</b>		15 <b>5301.5</b>		31 <b>5347.5</b>
	14 <b>5210.5</b>	Mar.	1 <b>5256.5</b>		16 <b>5302.5</b>	June	1 <b>5348.5</b>
	15 <b>5211.5</b>		2 <b>5257.5</b>		17 <b>5303.5</b>		2 <b>5349.5</b>
	16 <b>5212.5</b>		3 <b>5258.5</b>		18 <b>5304.5</b>		3 <b>5350.5</b>
	17 <b>5213.5</b>		4 <b>5259.5</b>		19 <b>5305.5</b>		4 <b>5351.5</b>
	18 <b>5214.5</b>		5 <b>5260.5</b>		20 <b>5306.5</b>		5 <b>5352.5</b>
	19 <b>5215.5</b>		6 <b>5261.5</b>		21 <b>5307.5</b>		6 <b>5353.5</b>
	20 <b>5216.5</b>		7 <b>5262.5</b>		22 <b>5308.5</b>		7 <b>5354.5</b>
	21 <b>5217.5</b>		8 <b>5263.5</b>		23 <b>5309.5</b>		8 <b>5355.5</b>
	22 <b>5218.5</b>		9 <b>5264.5</b>		24 <b>5310.5</b>		9 <b>5356.5</b>
	23 <b>5219.5</b>		10 <b>5265.5</b>		25 <b>5311.5</b>		10 <b>5357.5</b>
	24 <b>5220.5</b>		11 <b>5266.5</b>		26 <b>5312.5</b>		11 <b>5358.5</b>
	25 <b>5221.5</b>		12 <b>5267.5</b>		27 <b>5313.5</b>		12 <b>5359.5</b>
	26 <b>5222.5</b>		13 <b>5268.5</b>		28 <b>5314.5</b>		13 <b>5360.5</b>
	27 <b>5223.5</b>		14 <b>5269.5</b>		29 <b>5315.5</b>		14 <b>5361.5</b>
	28 <b>5224.5</b>		15 <b>5270.5</b>		30 <b>5316.5</b>		15 <b>5362.5</b>
	29 <b>5225.5</b>		16 <b>5271.5</b>	May	1 <b>5317.5</b>		16 <b>5363.5</b>
	30 <b>5226.5</b>		17 <b>5272.5</b>		2 <b>5318.5</b>		17 <b>5364.5</b>
	31 <b>5227.5</b>		18 <b>5273.5</b>		3 <b>5319.5</b>		18 <b>5365.5</b>
Feb.	1 <b>5228.5</b>		19 <b>5274.5</b>		4 <b>5320.5</b>		19 <b>5366.5</b>
	2 <b>5229.5</b>		20 <b>5275.5</b>		5 <b>5321.5</b>		20 <b>5367.5</b>
	3 <b>5230.5</b>		21 <b>5276.5</b>		6 <b>5322.5</b>		21 <b>5368.5</b>
	4 <b>5231.5</b>		22 <b>5277.5</b>		7 <b>5323.5</b>		22 <b>5369.5</b>
	5 <b>5232.5</b>		23 <b>5278.5</b>		8 <b>5324.5</b>		23 <b>5370.5</b>
	6 <b>5233.5</b>		24 <b>5279.5</b>		9 <b>5325.5</b>		24 <b>5371.5</b>
	7 <b>5234.5</b>		25 <b>5280.5</b>		10 <b>5326.5</b>		25 <b>5372.5</b>
	8 <b>5235.5</b>		26 <b>5281.5</b>		11 <b>5327.5</b>		26 <b>5373.5</b>
	9 <b>5236.5</b>		27 <b>5282.5</b>		12 <b>5328.5</b>		27 <b>5374.5</b>
	10 <b>5237.5</b>		28 <b>5283.5</b>		13 <b>5329.5</b>		28 <b>5375.5</b>
	11 <b>5238.5</b>		29 <b>5284.5</b>		14 <b>5330.5</b>		29 <b>5376.5</b>
	12 <b>5239.5</b>		30 <b>5285.5</b>		15 <b>5331.5</b>		30 <b>5377.5</b>
	13 <b>5240.5</b>		31 <b>5286.5</b>		16 <b>5332.5</b>	July	1 <b>5378.5</b>
	14 <b>5241.5</b>	Apr.	1 <b>5287.5</b>		17 <b>5333.5</b>		2 <b>5379.5</b>

## JULIAN DAYS, 2010

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>245</b>		<b>245</b>		<b>245</b>		<b>245</b>
July	1 5378.5	Aug.	16 5424.5	Oct.	1 5470.5	Nov.	16 5516.5
	2 5379.5		17 5425.5		2 5471.5		17 5517.5
	3 5380.5		18 5426.5		3 5472.5		18 5518.5
	4 5381.5		19 5427.5		4 5473.5		19 5519.5
	5 5382.5		20 5428.5		5 5474.5		20 5520.5
	6 5383.5		21 5429.5		6 5475.5		21 5521.5
	7 5384.5		22 5430.5		7 5476.5		22 5522.5
	8 5385.5		23 5431.5		8 5477.5		23 5523.5
	9 5386.5		24 5432.5		9 5478.5		24 5524.5
	10 5387.5		25 5433.5		10 5479.5		25 5525.5
	11 5388.5		26 5434.5		11 5480.5		26 5526.5
	12 5389.5		27 5435.5		12 5481.5		27 5527.5
	13 5390.5		28 5436.5		13 5482.5		28 5528.5
	14 5391.5		29 5437.5		14 5483.5		29 5529.5
	15 5392.5		30 5438.5		15 5484.5		30 5530.5
	16 5393.5		31 5439.5		16 5485.5	Dec.	1 5531.5
	17 5394.5	Sept.	1 5440.5		17 5486.5		2 5532.5
	18 5395.5		2 5441.5		18 5487.5		3 5533.5
	19 5396.5		3 5442.5		19 5488.5		4 5534.5
	20 5397.5		4 5443.5		20 5489.5		5 5535.5
	21 5398.5		5 5444.5		21 5490.5		6 5536.5
	22 5399.5		6 5445.5		22 5491.5		7 5537.5
	23 5400.5		7 5446.5		23 5492.5		8 5538.5
	24 5401.5		8 5447.5		24 5493.5		9 5539.5
	25 5402.5		9 5448.5		25 5494.5		10 5540.5
	26 5403.5		10 5449.5		26 5495.5		11 5541.5
	27 5404.5		11 5450.5		27 5496.5		12 5542.5
	28 5405.5		12 5451.5		28 5497.5		13 5543.5
	29 5406.5		13 5452.5		29 5498.5		14 5544.5
	30 5407.5		14 5453.5		30 5499.5		15 5545.5
	31 5408.5		15 5454.5		31 5500.5		16 5546.5
Aug.	1 5409.5		16 5455.5	Nov.	1 5501.5		17 5547.5
	2 5410.5		17 5456.5		2 5502.5		18 5548.5
	3 5411.5		18 5457.5		3 5503.5		19 5549.5
	4 5412.5		19 5458.5		4 5504.5		20 5550.5
	5 5413.5		20 5459.5		5 5505.5		21 5551.5
	6 5414.5		21 5460.5		6 5506.5		22 5552.5
	7 5415.5		22 5461.5		7 5507.5		23 5553.5
	8 5416.5		23 5462.5		8 5508.5		24 5554.5
	9 5417.5		24 5463.5		9 5509.5		25 5555.5
	10 5418.5		25 5464.5		10 5510.5		26 5556.5
	11 5419.5		26 5465.5		11 5511.5		27 5557.5
	12 5420.5		27 5466.5		12 5512.5		28 5558.5
	13 5421.5		28 5467.5		13 5513.5		29 5559.5
	14 5422.5		29 5468.5		14 5514.5		30 5560.5
	15 5423.5		30 5469.5		15 5515.5		31 5561.5

## JULIAN DAYS, 2011

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>245</b>		<b>245</b>		<b>245</b>		<b>245</b>
Jan.	0 <b>5561.5</b>	Feb.	15 <b>5607.5</b>	Apr.	2 <b>5653.5</b>	May	18 <b>5699.5</b>
	1 <b>5562.5</b>		16 <b>5608.5</b>		3 <b>5654.5</b>		19 <b>5700.5</b>
	2 <b>5563.5</b>		17 <b>5609.5</b>		4 <b>5655.5</b>		20 <b>5701.5</b>
	3 <b>5564.5</b>		18 <b>5610.5</b>		5 <b>5656.5</b>		21 <b>5702.5</b>
	4 <b>5565.5</b>		19 <b>5611.5</b>		6 <b>5657.5</b>		22 <b>5703.5</b>
	5 <b>5566.5</b>		20 <b>5612.5</b>		7 <b>5658.5</b>		23 <b>5704.5</b>
	6 <b>5567.5</b>		21 <b>5613.5</b>		8 <b>5659.5</b>		24 <b>5705.5</b>
	7 <b>5568.5</b>		22 <b>5614.5</b>		9 <b>5660.5</b>		25 <b>5706.5</b>
	8 <b>5569.5</b>		23 <b>5615.5</b>		10 <b>5661.5</b>		26 <b>5707.5</b>
	9 <b>5570.5</b>		24 <b>5616.5</b>		11 <b>5662.5</b>		27 <b>5708.5</b>
	10 <b>5571.5</b>		25 <b>5617.5</b>		12 <b>5663.5</b>		28 <b>5709.5</b>
	11 <b>5572.5</b>		26 <b>5618.5</b>		13 <b>5664.5</b>		29 <b>5710.5</b>
	12 <b>5573.5</b>		27 <b>5619.5</b>		14 <b>5665.5</b>		30 <b>5711.5</b>
	13 <b>5574.5</b>		28 <b>5620.5</b>		15 <b>5666.5</b>		31 <b>5712.5</b>
	14 <b>5575.5</b>	Mar.	1 <b>5621.5</b>		16 <b>5667.5</b>	June	1 <b>5713.5</b>
	15 <b>5576.5</b>		2 <b>5622.5</b>		17 <b>5668.5</b>		2 <b>5714.5</b>
	16 <b>5577.5</b>		3 <b>5623.5</b>		18 <b>5669.5</b>		3 <b>5715.5</b>
	17 <b>5578.5</b>		4 <b>5624.5</b>		19 <b>5670.5</b>		4 <b>5716.5</b>
	18 <b>5579.5</b>		5 <b>5625.5</b>		20 <b>5671.5</b>		5 <b>5717.5</b>
	19 <b>5580.5</b>		6 <b>5626.5</b>		21 <b>5672.5</b>		6 <b>5718.5</b>
	20 <b>5581.5</b>		7 <b>5627.5</b>		22 <b>5673.5</b>		7 <b>5719.5</b>
	21 <b>5582.5</b>		8 <b>5628.5</b>		23 <b>5674.5</b>		8 <b>5720.5</b>
	22 <b>5583.5</b>		9 <b>5629.5</b>		24 <b>5675.5</b>		9 <b>5721.5</b>
	23 <b>5584.5</b>		10 <b>5630.5</b>		25 <b>5676.5</b>		10 <b>5722.5</b>
	24 <b>5585.5</b>		11 <b>5631.5</b>		26 <b>5677.5</b>		11 <b>5723.5</b>
	25 <b>5586.5</b>		12 <b>5632.5</b>		27 <b>5678.5</b>		12 <b>5724.5</b>
	26 <b>5587.5</b>		13 <b>5633.5</b>		28 <b>5679.5</b>		13 <b>5725.5</b>
	27 <b>5588.5</b>		14 <b>5634.5</b>		29 <b>5680.5</b>		14 <b>5726.5</b>
	28 <b>5589.5</b>		15 <b>5635.5</b>		30 <b>5681.5</b>		15 <b>5727.5</b>
	29 <b>5590.5</b>		16 <b>5636.5</b>	May	1 <b>5682.5</b>		16 <b>5728.5</b>
	30 <b>5591.5</b>		17 <b>5637.5</b>		2 <b>5683.5</b>		17 <b>5729.5</b>
	31 <b>5592.5</b>		18 <b>5638.5</b>		3 <b>5684.5</b>		18 <b>5730.5</b>
Feb.	1 <b>5593.5</b>		19 <b>5639.5</b>		4 <b>5685.5</b>		19 <b>5731.5</b>
	2 <b>5594.5</b>		20 <b>5640.5</b>		5 <b>5686.5</b>		20 <b>5732.5</b>
	3 <b>5595.5</b>		21 <b>5641.5</b>		6 <b>5687.5</b>		21 <b>5733.5</b>
	4 <b>5596.5</b>		22 <b>5642.5</b>		7 <b>5688.5</b>		22 <b>5734.5</b>
	5 <b>5597.5</b>		23 <b>5643.5</b>		8 <b>5689.5</b>		23 <b>5735.5</b>
	6 <b>5598.5</b>		24 <b>5644.5</b>		9 <b>5690.5</b>		24 <b>5736.5</b>
	7 <b>5599.5</b>		25 <b>5645.5</b>		10 <b>5691.5</b>		25 <b>5737.5</b>
	8 <b>5600.5</b>		26 <b>5646.5</b>		11 <b>5692.5</b>		26 <b>5738.5</b>
	9 <b>5601.5</b>		27 <b>5647.5</b>		12 <b>5693.5</b>		27 <b>5739.5</b>
	10 <b>5602.5</b>		28 <b>5648.5</b>		13 <b>5694.5</b>		28 <b>5740.5</b>
	11 <b>5603.5</b>		29 <b>5649.5</b>		14 <b>5695.5</b>		29 <b>5741.5</b>
	12 <b>5604.5</b>		30 <b>5650.5</b>		15 <b>5696.5</b>		30 <b>5742.5</b>
	13 <b>5605.5</b>		31 <b>5651.5</b>		16 <b>5697.5</b>	July	1 <b>5743.5</b>
	14 <b>5606.5</b>	Apr.	1 <b>5652.5</b>		17 <b>5698.5</b>		2 <b>5744.5</b>



# JULIAN DAYS, 2011

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>245</b>		<b>245</b>		<b>245</b>		<b>245</b>
July	1 5743.5	Aug.	16 5789.5	Oct.	1 5835.5	Nov.	16 5881.5
	2 5744.5		17 5790.5		2 5836.5		17 5882.5
	3 5745.5		18 5791.5		3 5837.5		18 5883.5
	4 5746.5		19 5792.5		4 5838.5		19 5884.5
	5 5747.5		20 5793.5		5 5839.5		20 5885.5
	6 5748.5		21 5794.5		6 5840.5		21 5886.5
	7 5749.5		22 5795.5		7 5841.5		22 5887.5
	8 5750.5		23 5796.5		8 5842.5		23 5888.5
	9 5751.5		24 5797.5		9 5843.5		24 5889.5
	10 5752.5		25 5798.5		10 5844.5		25 5890.5
	11 5753.5		26 5799.5		11 5845.5		26 5891.5
	12 5754.5		27 5800.5		12 5846.5		27 5892.5
	13 5755.5		28 5801.5		13 5847.5		28 5893.5
	14 5756.5		29 5802.5		14 5848.5		29 5894.5
	15 5757.5		30 5803.5		15 5849.5		30 5895.5
	16 5758.5		31 5804.5		16 5850.5	Dec.	1 5896.5
	17 5759.5	Sept.	1 5805.5		17 5851.5		2 5897.5
	18 5760.5		2 5806.5		18 5852.5		3 5898.5
	19 5761.5		3 5807.5		19 5853.5		4 5899.5
	20 5762.5		4 5808.5		20 5854.5		5 5900.5
	21 5763.5		5 5809.5		21 5855.5		6 5901.5
	22 5764.5		6 5810.5		22 5856.5		7 5902.5
	23 5765.5		7 5811.5		23 5857.5		8 5903.5
	24 5766.5		8 5812.5		24 5858.5		9 5904.5
	25 5767.5		9 5813.5		25 5859.5		10 5905.5
	26 5768.5		10 5814.5		26 5860.5		11 5906.5
	27 5769.5		11 5815.5		27 5861.5		12 5907.5
	28 5770.5		12 5816.5		28 5862.5		13 5908.5
	29 5771.5		13 5817.5		29 5863.5		14 5909.5
	30 5772.5		14 5818.5		30 5864.5		15 5910.5
	31 5773.5		15 5819.5		31 5865.5		16 5911.5
Aug.	1 5774.5		16 5820.5	Nov.	1 5866.5		17 5912.5
	2 5775.5		17 5821.5		2 5867.5		18 5913.5
	3 5776.5		18 5822.5		3 5868.5		19 5914.5
	4 5777.5		19 5823.5		4 5869.5		20 5915.5
	5 5778.5		20 5824.5		5 5870.5		21 5916.5
	6 5779.5		21 5825.5		6 5871.5		22 5917.5
	7 5780.5		22 5826.5		7 5872.5		23 5918.5
	8 5781.5		23 5827.5		8 5873.5		24 5919.5
	9 5782.5		24 5828.5		9 5874.5		25 5920.5
	10 5783.5		25 5829.5		10 5875.5		26 5921.5
	11 5784.5		26 5830.5		11 5876.5		27 5922.5
	12 5785.5		27 5831.5		12 5877.5		28 5923.5
	13 5786.5		28 5832.5		13 5878.5		29 5924.5
	14 5787.5		29 5833.5		14 5879.5		30 5925.5
	15 5788.5		30 5834.5		15 5880.5		31 5926.5

## JULIAN DAYS, 2012

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>245</b>		<b>245</b>		<b>245</b>		<b>245</b>
Jan.	0 <b>5926.5</b>	Feb.	15 <b>5972.5</b>	Apr.	1 <b>6018.5</b>	May	17 <b>6064.5</b>
	1 <b>5927.5</b>		16 <b>5973.5</b>		2 <b>6019.5</b>		18 <b>6065.5</b>
	2 <b>5928.5</b>		17 <b>5974.5</b>		3 <b>6020.5</b>		10 <b>6066.5</b>
	3 <b>5929.5</b>		18 <b>5975.5</b>		4 <b>6021.5</b>		20 <b>6067.5</b>
	4 <b>5930.5</b>		19 <b>5976.5</b>		5 <b>6022.5</b>		21 <b>6068.5</b>
	5 <b>5931.5</b>		20 <b>5977.5</b>		6 <b>6023.5</b>		22 <b>6069.5</b>
	6 <b>5932.5</b>		21 <b>5978.5</b>		7 <b>6024.5</b>		23 <b>6070.5</b>
	7 <b>5933.5</b>		22 <b>5979.5</b>		8 <b>6025.5</b>		24 <b>6071.5</b>
	8 <b>5934.5</b>		23 <b>5980.5</b>		9 <b>6026.5</b>		25 <b>6072.5</b>
	9 <b>5935.5</b>		24 <b>5981.5</b>		10 <b>6027.5</b>		26 <b>6073.5</b>
	10 <b>5936.5</b>		25 <b>5982.5</b>		11 <b>6028.5</b>		27 <b>6074.5</b>
	11 <b>5937.5</b>		26 <b>5983.5</b>		12 <b>6029.5</b>		28 <b>6075.5</b>
	12 <b>5938.5</b>		27 <b>5984.5</b>		13 <b>6030.5</b>		29 <b>6076.5</b>
	13 <b>5939.5</b>		28 <b>5985.5</b>		14 <b>6031.5</b>		30 <b>6077.5</b>
	14 <b>5940.5</b>		29 <b>5986.5</b>		15 <b>6032.5</b>		31 <b>6078.5</b>
	15 <b>5941.5</b>	Mar.	1 <b>5987.5</b>		16 <b>6033.5</b>	June	1 <b>6079.5</b>
	16 <b>5942.5</b>		2 <b>5988.5</b>		17 <b>6034.5</b>		2 <b>6080.5</b>
	17 <b>5943.5</b>		3 <b>5989.5</b>		18 <b>6035.5</b>		3 <b>6081.5</b>
	18 <b>5944.5</b>		4 <b>5990.5</b>		19 <b>6036.5</b>		4 <b>6082.5</b>
	19 <b>5945.5</b>		5 <b>5991.5</b>		20 <b>6037.5</b>		5 <b>6083.5</b>
	20 <b>5946.5</b>		6 <b>5992.5</b>		21 <b>6038.5</b>		6 <b>6084.5</b>
	21 <b>5947.5</b>		7 <b>5993.5</b>		22 <b>6039.5</b>		7 <b>6085.5</b>
	22 <b>5948.5</b>		8 <b>5994.5</b>		23 <b>6040.5</b>		8 <b>6086.5</b>
	23 <b>5949.5</b>		9 <b>5995.5</b>		24 <b>6041.5</b>		9 <b>6087.5</b>
	24 <b>5950.5</b>		10 <b>5996.5</b>		25 <b>6042.5</b>		10 <b>6088.5</b>
	25 <b>5951.5</b>		11 <b>5997.5</b>		26 <b>6043.5</b>		11 <b>6089.5</b>
	26 <b>5952.5</b>		12 <b>5998.5</b>		27 <b>6044.5</b>		12 <b>6090.5</b>
	27 <b>5953.5</b>		13 <b>5999.5</b>		28 <b>6045.5</b>		13 <b>6091.5</b>
	28 <b>5954.5</b>		14 <b>6000.5</b>		29 <b>6046.5</b>		14 <b>6092.5</b>
	29 <b>5955.5</b>		15 <b>6001.5</b>		30 <b>6047.5</b>		15 <b>6093.5</b>
	30 <b>5956.5</b>		16 <b>6002.5</b>	May	1 <b>6048.5</b>		16 <b>6094.5</b>
	31 <b>5957.5</b>		17 <b>6003.5</b>		2 <b>6049.5</b>		17 <b>6095.5</b>
Feb.	1 <b>5958.5</b>		18 <b>6004.5</b>		3 <b>6050.5</b>		18 <b>6096.5</b>
	2 <b>5959.5</b>		19 <b>6005.5</b>		4 <b>6051.5</b>		19 <b>6097.5</b>
	3 <b>5960.5</b>		20 <b>6006.5</b>		5 <b>6052.5</b>		20 <b>6098.5</b>
	4 <b>5961.5</b>		21 <b>6007.5</b>		6 <b>6053.5</b>		21 <b>6099.5</b>
	5 <b>5962.5</b>		22 <b>6008.5</b>		7 <b>6054.5</b>		22 <b>6100.5</b>
	6 <b>5963.5</b>		23 <b>6009.5</b>		8 <b>6055.5</b>		23 <b>6101.5</b>
	7 <b>5964.5</b>		24 <b>6010.5</b>		9 <b>6056.5</b>		24 <b>6102.5</b>
	8 <b>5965.5</b>		25 <b>6011.5</b>		10 <b>6057.5</b>		25 <b>6103.5</b>
	9 <b>5966.5</b>		26 <b>6012.5</b>		11 <b>6058.5</b>		26 <b>6104.5</b>
	10 <b>5967.5</b>		27 <b>6013.5</b>		12 <b>6059.5</b>		27 <b>6105.5</b>
	11 <b>5968.5</b>		28 <b>6014.5</b>		13 <b>6060.5</b>		28 <b>6106.5</b>
	12 <b>5969.5</b>		29 <b>6015.5</b>		14 <b>6061.5</b>		29 <b>6107.5</b>
	13 <b>5970.5</b>		30 <b>6016.5</b>		15 <b>6062.5</b>		30 <b>6108.5</b>
	14 <b>5971.5</b>		31 <b>6017.5</b>		16 <b>6063.5</b>	July	1 <b>6109.5</b>

## JULIAN DAYS, 2012

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>245</b>		<b>245</b>		<b>245</b>		<b>245</b>
July	1 <b>6109.5</b>	Aug.	16 <b>6155.5</b>	Oct.	1 <b>6201.5</b>	Nov.	16 <b>6247.5</b>
	2 <b>6110.5</b>		17 <b>6156.5</b>		2 <b>6202.5</b>		17 <b>6248.5</b>
	3 <b>6111.5</b>		18 <b>6157.5</b>		3 <b>6203.5</b>		18 <b>6249.5</b>
	4 <b>6112.5</b>		19 <b>6158.5</b>		4 <b>6204.5</b>		19 <b>6250.5</b>
	5 <b>6113.5</b>		20 <b>6159.5</b>		5 <b>6205.5</b>		20 <b>6251.5</b>
	6 <b>6114.5</b>		21 <b>6160.5</b>		6 <b>6206.5</b>		21 <b>6252.5</b>
	7 <b>6115.5</b>		22 <b>6161.5</b>		7 <b>6207.5</b>		22 <b>6253.5</b>
	8 <b>6116.5</b>		23 <b>6162.5</b>		8 <b>6208.5</b>		23 <b>6254.5</b>
	9 <b>6117.5</b>		24 <b>6163.5</b>		9 <b>6209.5</b>		24 <b>6255.5</b>
	10 <b>6118.5</b>		25 <b>6164.5</b>		10 <b>6210.5</b>		25 <b>6256.5</b>
	11 <b>6119.5</b>		26 <b>6165.5</b>		11 <b>6211.5</b>		26 <b>6257.5</b>
	12 <b>6120.5</b>		27 <b>6166.5</b>		12 <b>6212.5</b>		27 <b>6258.5</b>
	13 <b>6121.5</b>		28 <b>6167.5</b>		13 <b>6213.5</b>		28 <b>6259.5</b>
	14 <b>6122.5</b>		29 <b>6168.5</b>		14 <b>6214.5</b>		29 <b>6260.5</b>
	15 <b>6123.5</b>		30 <b>6169.5</b>		15 <b>6215.5</b>		30 <b>6261.5</b>
	16 <b>6124.5</b>		31 <b>6170.5</b>		16 <b>6216.5</b>	Dec.	1 <b>6262.5</b>
	17 <b>6125.5</b>	Sept.	1 <b>6171.5</b>		17 <b>6217.5</b>		2 <b>6263.5</b>
	18 <b>6126.5</b>		2 <b>6172.5</b>		18 <b>6218.5</b>		3 <b>6264.5</b>
	19 <b>6127.5</b>		3 <b>6173.5</b>		19 <b>6219.5</b>		4 <b>6265.5</b>
	20 <b>6128.5</b>		4 <b>6174.5</b>		20 <b>6220.5</b>		5 <b>6266.5</b>
	21 <b>6129.5</b>		5 <b>6175.5</b>		21 <b>6221.5</b>		6 <b>6267.5</b>
	22 <b>6130.5</b>		6 <b>6176.5</b>		22 <b>6222.5</b>		7 <b>6268.5</b>
	23 <b>6131.5</b>		7 <b>6177.5</b>		23 <b>6223.5</b>		8 <b>6269.5</b>
	24 <b>6132.5</b>		8 <b>6178.5</b>		24 <b>6224.5</b>		9 <b>6270.5</b>
	25 <b>6133.5</b>		9 <b>6179.5</b>		25 <b>6225.5</b>		10 <b>6271.5</b>
	26 <b>6134.5</b>		10 <b>6180.5</b>		26 <b>6226.5</b>		11 <b>6272.5</b>
	27 <b>6135.5</b>		11 <b>6181.5</b>		27 <b>6227.5</b>		12 <b>6273.5</b>
	28 <b>6136.5</b>		12 <b>6182.5</b>		28 <b>6228.5</b>		13 <b>6274.5</b>
	29 <b>6137.5</b>		13 <b>6183.5</b>		29 <b>6229.5</b>		14 <b>6275.5</b>
	30 <b>6138.5</b>		14 <b>6184.5</b>		30 <b>6230.5</b>		15 <b>6276.5</b>
	31 <b>6139.5</b>		15 <b>6185.5</b>		31 <b>6231.5</b>		16 <b>6277.5</b>
Aug.	1 <b>6140.5</b>		16 <b>6186.5</b>	Nov.	1 <b>6232.5</b>		17 <b>6278.5</b>
	2 <b>6141.5</b>		17 <b>6187.5</b>		2 <b>6233.5</b>		18 <b>6279.5</b>
	3 <b>6142.5</b>		18 <b>6188.5</b>		3 <b>6234.5</b>		19 <b>6280.5</b>
	4 <b>6143.5</b>		19 <b>6189.5</b>		4 <b>6235.5</b>		20 <b>6281.5</b>
	5 <b>6144.5</b>		20 <b>6190.5</b>		5 <b>6236.5</b>		21 <b>6282.5</b>
	6 <b>6145.5</b>		21 <b>6191.5</b>		6 <b>6237.5</b>		22 <b>6283.5</b>
	7 <b>6146.5</b>		22 <b>6192.5</b>		7 <b>6238.5</b>		23 <b>6284.5</b>
	8 <b>6147.5</b>		23 <b>6193.5</b>		8 <b>6239.5</b>		24 <b>6285.5</b>
	9 <b>6148.5</b>		24 <b>6194.5</b>		9 <b>6240.5</b>		25 <b>6286.5</b>
	10 <b>6149.5</b>		25 <b>6195.5</b>		10 <b>6241.5</b>		26 <b>6287.5</b>
	11 <b>6150.5</b>		26 <b>6196.5</b>		11 <b>6242.5</b>		27 <b>6288.5</b>
	12 <b>6151.5</b>		27 <b>6197.5</b>		12 <b>6243.5</b>		28 <b>6289.5</b>
	13 <b>6152.5</b>		28 <b>6198.5</b>		13 <b>6244.5</b>		29 <b>6290.5</b>
	14 <b>6153.5</b>		29 <b>6199.5</b>		14 <b>6245.5</b>		30 <b>6291.5</b>
	15 <b>6154.5</b>		30 <b>6200.5</b>		15 <b>6246.5</b>		31 <b>6292.5</b>

## JULIAN DAYS, 2013

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>245</b>		<b>245</b>		<b>245</b>		<b>245</b>
Jan.	0 <b>6292.5</b>	Feb.	15 <b>6338.5</b>	Apr.	2 <b>6384.5</b>	May	18 <b>6430.5</b>
	1 <b>6293.5</b>		16 <b>6339.5</b>		3 <b>6385.5</b>		19 <b>6431.5</b>
	2 <b>6294.5</b>		17 <b>6340.5</b>		4 <b>6386.5</b>		20 <b>6432.5</b>
	3 <b>6295.5</b>		18 <b>6341.5</b>		5 <b>6387.5</b>		21 <b>6433.5</b>
	4 <b>6296.5</b>		19 <b>6342.5</b>		6 <b>6388.5</b>		22 <b>6434.5</b>
	5 <b>6297.5</b>		20 <b>6343.5</b>		7 <b>6389.5</b>		23 <b>6435.5</b>
	6 <b>6298.5</b>		21 <b>6344.5</b>		8 <b>6390.5</b>		24 <b>6436.5</b>
	7 <b>6299.5</b>		22 <b>6345.5</b>		9 <b>6391.5</b>		25 <b>6437.5</b>
	8 <b>6300.5</b>		23 <b>6346.5</b>		10 <b>6392.5</b>		26 <b>6438.5</b>
	9 <b>6301.5</b>		24 <b>6347.5</b>		11 <b>6393.5</b>		27 <b>6439.5</b>
	10 <b>6302.5</b>		25 <b>6348.5</b>		12 <b>6394.5</b>		28 <b>6440.5</b>
	11 <b>6303.5</b>		26 <b>6349.5</b>		13 <b>6395.5</b>		29 <b>6441.5</b>
	12 <b>6304.5</b>		27 <b>6350.5</b>		14 <b>6396.5</b>		30 <b>6442.5</b>
	13 <b>6305.5</b>		28 <b>6351.5</b>		15 <b>6397.5</b>		31 <b>6443.5</b>
	14 <b>6306.5</b>	Mar.	1 <b>6352.5</b>		16 <b>6398.5</b>	June	1 <b>6444.5</b>
	15 <b>6307.5</b>		2 <b>6353.5</b>		17 <b>6399.5</b>		2 <b>6445.5</b>
	16 <b>6308.5</b>		3 <b>6354.5</b>		18 <b>6400.5</b>		3 <b>6446.5</b>
	17 <b>6309.5</b>		4 <b>6355.5</b>		19 <b>6401.5</b>		4 <b>6447.5</b>
	18 <b>6310.5</b>		5 <b>6356.5</b>		20 <b>6402.5</b>		5 <b>6448.5</b>
	19 <b>6311.5</b>		6 <b>6357.5</b>		21 <b>6403.5</b>		6 <b>6449.5</b>
	20 <b>6312.5</b>		7 <b>6358.5</b>		22 <b>6404.5</b>		7 <b>6450.5</b>
	21 <b>6313.5</b>		8 <b>6359.5</b>		23 <b>6405.5</b>		8 <b>6451.5</b>
	22 <b>6314.5</b>		9 <b>6360.5</b>		24 <b>6406.5</b>		9 <b>6452.5</b>
	23 <b>6315.5</b>		10 <b>6361.5</b>		25 <b>6407.5</b>		10 <b>6453.5</b>
	24 <b>6316.5</b>		11 <b>6362.5</b>		26 <b>6408.5</b>		11 <b>6454.5</b>
	25 <b>6317.5</b>		12 <b>6363.5</b>		27 <b>6409.5</b>		12 <b>6455.5</b>
	26 <b>6318.5</b>		13 <b>6364.5</b>		28 <b>6410.5</b>		13 <b>6456.5</b>
	27 <b>6319.5</b>		14 <b>6365.5</b>		29 <b>6411.5</b>		14 <b>6457.5</b>
	28 <b>6320.5</b>		15 <b>6366.5</b>		30 <b>6412.5</b>		15 <b>6458.5</b>
	29 <b>6321.5</b>		16 <b>6367.5</b>	May	1 <b>6413.5</b>		16 <b>6459.5</b>
	30 <b>6322.5</b>		17 <b>6368.5</b>		2 <b>6414.5</b>		17 <b>6460.5</b>
	31 <b>6323.5</b>		18 <b>6369.5</b>		3 <b>6415.5</b>		18 <b>6461.5</b>
Feb.	1 <b>6324.5</b>		19 <b>6370.5</b>		4 <b>6416.5</b>		19 <b>6462.5</b>
	2 <b>6325.5</b>		20 <b>6371.5</b>		5 <b>6417.5</b>		20 <b>6463.5</b>
	3 <b>6326.5</b>		21 <b>6372.5</b>		6 <b>6418.5</b>		21 <b>6464.5</b>
	4 <b>6327.5</b>		22 <b>6373.5</b>		7 <b>6419.5</b>		22 <b>6465.5</b>
	5 <b>6328.5</b>		23 <b>6374.5</b>		8 <b>6420.5</b>		23 <b>6466.5</b>
	6 <b>6329.5</b>		24 <b>6375.5</b>		9 <b>6421.5</b>		24 <b>6467.5</b>
	7 <b>6330.5</b>		25 <b>6376.5</b>		10 <b>6422.5</b>		25 <b>6468.5</b>
	8 <b>6331.5</b>		26 <b>6377.5</b>		11 <b>6423.5</b>		26 <b>6469.5</b>
	9 <b>6332.5</b>		27 <b>6378.5</b>		12 <b>6424.5</b>		27 <b>6470.5</b>
	10 <b>6333.5</b>		28 <b>6379.5</b>		13 <b>6425.5</b>		28 <b>6471.5</b>
	11 <b>6334.5</b>		29 <b>6380.5</b>		14 <b>6426.5</b>		29 <b>6472.5</b>
	12 <b>6335.5</b>		30 <b>6381.5</b>		15 <b>6427.5</b>		30 <b>6473.5</b>
	13 <b>6336.5</b>		31 <b>6382.5</b>		16 <b>6428.5</b>	July	1 <b>6474.5</b>
	14 <b>6337.5</b>	Apr.	1 <b>6383.5</b>		17 <b>6429.5</b>		2 <b>6475.5</b>

## JULIAN DAYS, 2013

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>245</b>		<b>245</b>		<b>245</b>		<b>245</b>
July	1 <b>6474.5</b>	Aug.	16 <b>6520.5</b>	Oct.	1 <b>6566.5</b>	Nov.	16 <b>6612.5</b>
	2 <b>6475.5</b>		17 <b>6521.5</b>		2 <b>6567.5</b>		17 <b>6613.5</b>
	3 <b>6476.5</b>		18 <b>6522.5</b>		3 <b>6568.5</b>		18 <b>6614.5</b>
	4 <b>6477.5</b>		19 <b>6523.5</b>		4 <b>6569.5</b>		19 <b>6615.5</b>
	5 <b>6478.5</b>		20 <b>6524.5</b>		5 <b>6570.5</b>		20 <b>6616.5</b>
	6 <b>6479.5</b>		21 <b>6525.5</b>		6 <b>6571.5</b>		21 <b>6617.5</b>
	7 <b>6480.5</b>		22 <b>6526.5</b>		7 <b>6572.5</b>		22 <b>6618.5</b>
	8 <b>6481.5</b>		23 <b>6527.5</b>		8 <b>6573.5</b>		23 <b>6619.5</b>
	9 <b>6482.5</b>		24 <b>6528.5</b>		9 <b>6574.5</b>		24 <b>6620.5</b>
	10 <b>6483.5</b>		25 <b>6529.5</b>		10 <b>6575.5</b>		25 <b>6621.5</b>
	11 <b>6484.5</b>		26 <b>6530.5</b>		11 <b>6576.5</b>		26 <b>6622.5</b>
	12 <b>6485.5</b>		27 <b>6531.5</b>		12 <b>6577.5</b>		27 <b>6623.5</b>
	13 <b>6486.5</b>		28 <b>6532.5</b>		13 <b>6578.5</b>		28 <b>6624.5</b>
	14 <b>6487.5</b>		29 <b>6533.5</b>		14 <b>6579.5</b>		29 <b>6625.5</b>
	15 <b>6488.5</b>		30 <b>6534.5</b>		15 <b>6580.5</b>		30 <b>6626.5</b>
	16 <b>6489.5</b>		31 <b>6535.5</b>		16 <b>6581.5</b>	Dec.	1 <b>6627.5</b>
	17 <b>6490.5</b>	Sept.	1 <b>6536.5</b>		17 <b>6582.5</b>		2 <b>6628.5</b>
	18 <b>6491.5</b>		2 <b>6537.5</b>		18 <b>6583.5</b>		3 <b>6629.5</b>
	19 <b>6492.5</b>		3 <b>6538.5</b>		19 <b>6584.5</b>		4 <b>6630.5</b>
	20 <b>6493.5</b>		4 <b>6539.5</b>		20 <b>6585.5</b>		5 <b>6631.5</b>
	21 <b>6494.5</b>		5 <b>6540.5</b>		21 <b>6586.5</b>		6 <b>6632.5</b>
	22 <b>6495.5</b>		6 <b>6541.5</b>		22 <b>6587.5</b>		7 <b>6633.5</b>
	23 <b>6496.5</b>		7 <b>6542.5</b>		23 <b>6588.5</b>		8 <b>6634.5</b>
	24 <b>6497.5</b>		8 <b>6543.5</b>		24 <b>6589.5</b>		9 <b>6635.5</b>
	25 <b>6498.5</b>		9 <b>6544.5</b>		25 <b>6590.5</b>		10 <b>6636.5</b>
	26 <b>6499.5</b>		10 <b>6545.5</b>		26 <b>6591.5</b>		11 <b>6637.5</b>
	27 <b>6500.5</b>		11 <b>6546.5</b>		27 <b>6592.5</b>		12 <b>6638.5</b>
	28 <b>6501.5</b>		12 <b>6547.5</b>		28 <b>6593.5</b>		13 <b>6639.5</b>
	29 <b>6502.5</b>		13 <b>6548.5</b>		29 <b>6594.5</b>		14 <b>6640.5</b>
	30 <b>6503.5</b>		14 <b>6549.5</b>		30 <b>6595.5</b>		15 <b>6641.5</b>
	31 <b>6504.5</b>		15 <b>6550.5</b>		31 <b>6596.5</b>		16 <b>6642.5</b>
Aug.	1 <b>6505.5</b>		16 <b>6551.5</b>	Nov.	1 <b>6597.5</b>		17 <b>6643.5</b>
	2 <b>6506.5</b>		17 <b>6552.5</b>		2 <b>6598.5</b>		18 <b>6644.5</b>
	3 <b>6507.5</b>		18 <b>6553.5</b>		3 <b>6599.5</b>		19 <b>6645.5</b>
	4 <b>6508.5</b>		19 <b>6554.5</b>		4 <b>6600.5</b>		20 <b>6646.5</b>
	5 <b>6509.5</b>		20 <b>6555.5</b>		5 <b>6601.5</b>		21 <b>6647.5</b>
	6 <b>6510.5</b>		21 <b>6556.5</b>		6 <b>6602.5</b>		22 <b>6648.5</b>
	7 <b>6511.5</b>		22 <b>6557.5</b>		7 <b>6603.5</b>		23 <b>6649.5</b>
	8 <b>6512.5</b>		23 <b>6558.5</b>		8 <b>6604.5</b>		24 <b>6650.5</b>
	9 <b>6513.5</b>		24 <b>6559.5</b>		9 <b>6605.5</b>		25 <b>6651.5</b>
	10 <b>6514.5</b>		25 <b>6560.5</b>		10 <b>6606.5</b>		26 <b>6652.5</b>
	11 <b>6515.5</b>		26 <b>6561.5</b>		11 <b>6607.5</b>		27 <b>6653.5</b>
	12 <b>6516.5</b>		27 <b>6562.5</b>		12 <b>6608.5</b>		28 <b>6654.5</b>
	13 <b>6517.5</b>		28 <b>6563.5</b>		13 <b>6609.5</b>		29 <b>6655.5</b>
	14 <b>6518.5</b>		29 <b>6564.5</b>		14 <b>6610.5</b>		30 <b>6656.5</b>
	15 <b>6519.5</b>		30 <b>6565.5</b>		15 <b>6611.5</b>		31 <b>6657.5</b>

## JULIAN DAYS, 2014

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>245</b>		<b>245</b>		<b>245</b>		<b>245</b>
Jan.	0 <b>6657.5</b>	Feb.	15 <b>6703.5</b>	Apr.	2 <b>6749.5</b>	May	18 <b>6795.5</b>
	1 <b>6658.5</b>		16 <b>6704.5</b>		3 <b>6750.5</b>		19 <b>6796.5</b>
	2 <b>6659.5</b>		17 <b>6705.5</b>		4 <b>6751.5</b>		20 <b>6797.5</b>
	3 <b>6660.5</b>		18 <b>6706.5</b>		5 <b>6752.5</b>		21 <b>6798.5</b>
	4 <b>6661.5</b>		19 <b>6707.5</b>		6 <b>6753.5</b>		22 <b>6799.5</b>
	5 <b>6662.5</b>		20 <b>6708.5</b>		7 <b>6754.5</b>		23 <b>6800.5</b>
	6 <b>6663.5</b>		21 <b>6709.5</b>		8 <b>6755.5</b>		24 <b>6801.5</b>
	7 <b>6664.5</b>		22 <b>6710.5</b>		9 <b>6756.5</b>		25 <b>6802.5</b>
	8 <b>6665.5</b>		23 <b>6711.5</b>		10 <b>6757.5</b>		26 <b>6803.5</b>
	9 <b>6666.5</b>		24 <b>6712.5</b>		11 <b>6758.5</b>		27 <b>6804.5</b>
	10 <b>6667.5</b>		25 <b>6713.5</b>		12 <b>6759.5</b>		28 <b>6805.5</b>
	11 <b>6668.5</b>		26 <b>6714.5</b>		13 <b>6760.5</b>		29 <b>6806.5</b>
	12 <b>6669.5</b>		27 <b>6715.5</b>		14 <b>6761.5</b>		30 <b>6807.5</b>
	13 <b>6670.5</b>		28 <b>6716.5</b>		15 <b>6762.5</b>		31 <b>6808.5</b>
	14 <b>6671.5</b>	Mar.	1 <b>6717.5</b>		16 <b>6763.5</b>	June	1 <b>6809.5</b>
	15 <b>6672.5</b>		2 <b>6718.5</b>		17 <b>6764.5</b>		2 <b>6810.5</b>
	16 <b>6673.5</b>		3 <b>6719.5</b>		18 <b>6765.5</b>		3 <b>6811.5</b>
	17 <b>6674.5</b>		4 <b>6720.5</b>		19 <b>6766.5</b>		4 <b>6812.5</b>
	18 <b>6675.5</b>		5 <b>6721.5</b>		20 <b>6767.5</b>		5 <b>6813.5</b>
	19 <b>6676.5</b>		6 <b>6722.5</b>		21 <b>6768.5</b>		6 <b>6814.5</b>
	20 <b>6677.5</b>		7 <b>6723.5</b>		22 <b>6769.5</b>		7 <b>6815.5</b>
	21 <b>6678.5</b>		8 <b>6724.5</b>		23 <b>6770.5</b>		8 <b>6816.5</b>
	22 <b>6679.5</b>		9 <b>6725.5</b>		24 <b>6771.5</b>		9 <b>6817.5</b>
	23 <b>6680.5</b>		10 <b>6726.5</b>		25 <b>6772.5</b>		10 <b>6818.5</b>
	24 <b>6681.5</b>		11 <b>6727.5</b>		26 <b>6773.5</b>		11 <b>6819.5</b>
	25 <b>6682.5</b>		12 <b>6728.5</b>		27 <b>6774.5</b>		12 <b>6820.5</b>
	26 <b>6683.5</b>		13 <b>6729.5</b>		28 <b>6775.5</b>		13 <b>6821.5</b>
	27 <b>6684.5</b>		14 <b>6730.5</b>		29 <b>6776.5</b>		14 <b>6822.5</b>
	28 <b>6685.5</b>		15 <b>6731.5</b>		30 <b>6777.5</b>		15 <b>6823.5</b>
	29 <b>6686.5</b>		16 <b>6732.5</b>	May	1 <b>6778.5</b>		16 <b>6824.5</b>
	30 <b>6687.5</b>		17 <b>6733.5</b>		2 <b>6779.5</b>		17 <b>6825.5</b>
	31 <b>6688.5</b>		18 <b>6734.5</b>		3 <b>6780.5</b>		18 <b>6826.5</b>
Feb.	1 <b>6689.5</b>		19 <b>6735.5</b>		4 <b>6781.5</b>		19 <b>6827.5</b>
	2 <b>6690.5</b>		20 <b>6736.5</b>		5 <b>6782.5</b>		20 <b>6828.5</b>
	3 <b>6691.5</b>		21 <b>6737.5</b>		6 <b>6783.5</b>		21 <b>6829.5</b>
	4 <b>6692.5</b>		22 <b>6738.5</b>		7 <b>6784.5</b>		22 <b>6830.5</b>
	5 <b>6693.5</b>		23 <b>6739.5</b>		8 <b>6785.5</b>		23 <b>6831.5</b>
	6 <b>6694.5</b>		24 <b>6740.5</b>		9 <b>6786.5</b>		24 <b>6832.5</b>
	7 <b>6695.5</b>		25 <b>6741.5</b>		10 <b>6787.5</b>		25 <b>6833.5</b>
	8 <b>6696.5</b>		26 <b>6742.5</b>		11 <b>6788.5</b>		26 <b>6834.5</b>
	9 <b>6697.5</b>		27 <b>6743.5</b>		12 <b>6789.5</b>		27 <b>6835.5</b>
	10 <b>6698.5</b>		28 <b>6744.5</b>		13 <b>6790.5</b>		28 <b>6836.5</b>
	11 <b>6699.5</b>		29 <b>6745.5</b>		14 <b>6791.5</b>		29 <b>6837.5</b>
	12 <b>6700.5</b>		30 <b>6746.5</b>		15 <b>6792.5</b>		30 <b>6838.5</b>
	13 <b>6701.5</b>		31 <b>6747.5</b>		16 <b>6793.5</b>	July	1 <b>6839.5</b>
	14 <b>6702.5</b>	Apr.	1 <b>6748.5</b>		17 <b>6794.5</b>		2 <b>6840.5</b>

## JULIAN DAYS, 2014

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>245</b>		<b>245</b>		<b>245</b>		<b>245</b>
July	1 <b>6839.5</b>	Aug.	16 <b>6885.5</b>	Oct.	1 <b>6931.5</b>	Nov.	16 <b>6977.5</b>
	2 <b>6840.5</b>		17 <b>6886.5</b>		2 <b>6932.5</b>		17 <b>6978.5</b>
	3 <b>6841.5</b>		18 <b>6887.5</b>		3 <b>6933.5</b>		18 <b>6979.5</b>
	4 <b>6842.5</b>		19 <b>6888.5</b>		4 <b>6934.5</b>		19 <b>6980.5</b>
	5 <b>6843.5</b>		20 <b>6889.5</b>		5 <b>6935.5</b>		20 <b>6981.5</b>
	6 <b>6844.5</b>		21 <b>6890.5</b>		6 <b>6936.5</b>		21 <b>6982.5</b>
	7 <b>6845.5</b>		22 <b>6891.5</b>		7 <b>6937.5</b>		22 <b>6983.5</b>
	8 <b>6846.5</b>		23 <b>6892.5</b>		8 <b>6938.5</b>		23 <b>6984.5</b>
	9 <b>6847.5</b>		24 <b>6893.5</b>		9 <b>6939.5</b>		24 <b>6985.5</b>
	10 <b>6848.5</b>		25 <b>6894.5</b>		10 <b>6940.5</b>		25 <b>6986.5</b>
	11 <b>6849.5</b>		26 <b>6895.5</b>		11 <b>6941.5</b>		26 <b>6987.5</b>
	12 <b>6850.5</b>		27 <b>6896.5</b>		12 <b>6942.5</b>		27 <b>6988.5</b>
	13 <b>6851.5</b>		28 <b>6897.5</b>		13 <b>6943.5</b>		28 <b>6989.5</b>
	14 <b>6852.5</b>		29 <b>6898.5</b>		14 <b>6944.5</b>		29 <b>6990.5</b>
	15 <b>6853.5</b>		30 <b>6899.5</b>		15 <b>6945.5</b>		30 <b>6991.5</b>
	16 <b>6854.5</b>		31 <b>6900.5</b>		16 <b>6946.5</b>	Dec.	1 <b>6992.5</b>
	17 <b>6855.5</b>	Sept.	1 <b>6901.5</b>		17 <b>6947.5</b>		2 <b>6993.5</b>
	18 <b>6856.5</b>		2 <b>6902.5</b>		18 <b>6948.5</b>		3 <b>6994.5</b>
	19 <b>6857.5</b>		3 <b>6903.5</b>		19 <b>6949.5</b>		4 <b>6995.5</b>
	20 <b>6858.5</b>		4 <b>6904.5</b>		20 <b>6950.5</b>		5 <b>6996.5</b>
	21 <b>6859.5</b>		5 <b>6905.5</b>		21 <b>6951.5</b>		6 <b>6997.5</b>
	22 <b>6860.5</b>		6 <b>6906.5</b>		22 <b>6952.5</b>		7 <b>6998.5</b>
	23 <b>6861.5</b>		7 <b>6907.5</b>		23 <b>6953.5</b>		8 <b>6999.5</b>
	24 <b>6862.5</b>		8 <b>6908.5</b>		24 <b>6954.5</b>		9 <b>7000.5</b>
	25 <b>6863.5</b>		9 <b>6909.5</b>		25 <b>6955.5</b>		10 <b>7001.5</b>
	26 <b>6864.5</b>		10 <b>6910.5</b>		26 <b>6956.5</b>		11 <b>7002.5</b>
	27 <b>6865.5</b>		11 <b>6911.5</b>		27 <b>6957.5</b>		12 <b>7003.5</b>
	28 <b>6866.5</b>		12 <b>6912.5</b>		28 <b>6958.5</b>		13 <b>7004.5</b>
	29 <b>6867.5</b>		13 <b>6913.5</b>		29 <b>6959.5</b>		14 <b>7005.5</b>
	30 <b>6868.5</b>		14 <b>6914.5</b>		30 <b>6960.5</b>		15 <b>7006.5</b>
	31 <b>6869.5</b>		15 <b>6915.5</b>		31 <b>6961.5</b>		16 <b>7007.5</b>
Aug.	1 <b>6870.5</b>		16 <b>6916.5</b>	Nov.	1 <b>6962.5</b>		17 <b>7008.5</b>
	2 <b>6871.5</b>		17 <b>6917.5</b>		2 <b>6963.5</b>		18 <b>7009.5</b>
	3 <b>6872.5</b>		18 <b>6918.5</b>		3 <b>6964.5</b>		19 <b>7010.5</b>
	4 <b>6873.5</b>		19 <b>6919.5</b>		4 <b>6965.5</b>		20 <b>7011.5</b>
	5 <b>6874.5</b>		20 <b>6920.5</b>		5 <b>6966.5</b>		21 <b>7012.5</b>
	6 <b>6875.5</b>		21 <b>6921.5</b>		6 <b>6967.5</b>		22 <b>7013.5</b>
	7 <b>6876.5</b>		22 <b>6922.5</b>		7 <b>6968.5</b>		23 <b>7014.5</b>
	8 <b>6877.5</b>		23 <b>6923.5</b>		8 <b>6969.5</b>		24 <b>7015.5</b>
	9 <b>6878.5</b>		24 <b>6924.5</b>		9 <b>6970.5</b>		25 <b>7016.5</b>
	10 <b>6879.5</b>		25 <b>6925.5</b>		10 <b>6971.5</b>		26 <b>7017.5</b>
	11 <b>6880.5</b>		26 <b>6926.5</b>		11 <b>6972.5</b>		27 <b>7018.5</b>
	12 <b>6881.5</b>		27 <b>6927.5</b>		12 <b>6973.5</b>		28 <b>7019.5</b>
	13 <b>6882.5</b>		28 <b>6928.5</b>		13 <b>6974.5</b>		29 <b>7020.5</b>
	14 <b>6883.5</b>		29 <b>6929.5</b>		14 <b>6975.5</b>		30 <b>7021.5</b>
	15 <b>6884.5</b>		30 <b>6930.5</b>		15 <b>6976.5</b>		31 <b>7022.5</b>

## JULIAN DAYS, 2015

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>245</b>		<b>245</b>		<b>245</b>		<b>245</b>
Jan.	0 7022.5	Feb.	15 7068.5	Apr.	2 7114.5	May	18 7160.5
	1 7023.5		16 7069.5		3 7115.5		19 7161.5
	2 7024.5		17 7070.5		4 7116.5		20 7162.5
	3 7025.5		18 7071.5		5 7117.5		21 7163.5
	4 7026.5		19 7072.5		6 7118.5		22 7164.5
	5 7027.5		20 7073.5		7 7119.5		23 7165.5
	6 7028.5		21 7074.5		8 7120.5		24 7166.5
	7 7029.5		22 7075.5		9 7121.5		25 7167.5
	8 7030.5		23 7076.5		10 7122.5		26 7168.5
	9 7031.5		24 7077.5		11 7123.5		27 7169.5
	10 7032.5		25 7078.5		12 7124.5		28 7170.5
	11 7033.5		26 7079.5		13 7125.5		29 7171.5
	12 7034.5		27 7080.5		14 7126.5		30 7172.5
	13 7035.5		28 7081.5		15 7127.5		31 7173.5
	14 7036.5	Mar.	1 7082.5		16 7128.5	June	1 7174.5
	15 7037.5		2 7083.5		17 7129.5		2 7175.5
	16 7038.5		3 7084.5		18 7130.5		3 7176.5
	17 7039.5		4 7085.5		19 7131.5		4 7177.5
	18 7040.5		5 7086.5		20 7132.5		5 7178.5
	19 7041.5		6 7087.5		21 7133.5		6 7179.5
	20 7042.5		7 7088.5		22 7134.5		7 7180.5
	21 7043.5		8 7089.5		23 7135.5		8 7181.5
	22 7044.5		9 7090.5		24 7136.5		9 7182.5
	23 7045.5		10 7091.5		25 7137.5		10 7183.5
	24 7046.5		11 7092.5		26 7138.5		11 7184.5
	25 7047.5		12 7093.5		27 7139.5		12 7185.5
	26 7048.5		13 7094.5		28 7140.5		13 7186.5
	27 7049.5		14 7095.5		29 7141.5		14 7187.5
	28 7050.5		15 7096.5		30 7142.5		15 7188.5
	29 7051.5		16 7097.5	May	1 7143.5		16 7189.5
	30 7052.5		17 7098.5		2 7144.5		17 7190.5
	31 7053.5		18 7099.5		3 7145.5		18 7191.5
Feb.	1 7054.5		19 7100.5		4 7146.5		19 7192.5
	2 7055.5		20 7101.5		5 7147.5		20 7193.5
	3 7056.5		21 7102.5		6 7148.5		21 7194.5
	4 7057.5		22 7103.5		7 7149.5		22 7195.5
	5 7058.5		23 7104.5		8 7150.5		23 7196.5
	6 7059.5		24 7105.5		9 7151.5		24 7197.5
	7 7060.5		25 7106.5		10 7152.5		25 7198.5
	8 7061.5		26 7107.5		11 7153.5		26 7199.5
	9 7062.5		27 7108.5		12 7154.5		27 7200.5
	10 7063.5		28 7109.5		13 7155.5		28 7201.5
	11 7064.5		29 7110.5		14 7156.5		29 7202.5
	12 7065.5		30 7111.5		15 7157.5		30 7203.5
	13 7066.5		31 7112.5		16 7158.5	July	1 7204.5
	14 7067.5	Apr.	1 7113.5		17 7159.5		2 7205.5



## JULIAN DAYS, 2015

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>245</b>		<b>245</b>		<b>245</b>		<b>245</b>
July	1 <b>7204.5</b>	Aug.	16 <b>7250.5</b>	Oct.	1 <b>7296.5</b>	Nov.	16 <b>7342.5</b>
	2 <b>7205.5</b>		17 <b>7251.5</b>		2 <b>7297.5</b>		17 <b>7343.5</b>
	3 <b>7206.5</b>		18 <b>7252.5</b>		3 <b>7298.5</b>		18 <b>7344.5</b>
	4 <b>7207.5</b>		19 <b>7253.5</b>		4 <b>7299.5</b>		19 <b>7345.5</b>
	5 <b>7208.5</b>		20 <b>7254.5</b>		5 <b>7300.5</b>		20 <b>7346.5</b>
	6 <b>7209.5</b>		21 <b>7255.5</b>		6 <b>7301.5</b>		21 <b>7347.5</b>
	7 <b>7210.5</b>		22 <b>7256.5</b>		7 <b>7302.5</b>		22 <b>7348.5</b>
	8 <b>7211.5</b>		23 <b>7257.5</b>		8 <b>7303.5</b>		23 <b>7349.5</b>
	9 <b>7212.5</b>		24 <b>7258.5</b>		9 <b>7304.5</b>		24 <b>7350.5</b>
	10 <b>7213.5</b>		25 <b>7259.5</b>		10 <b>7305.5</b>		25 <b>7351.5</b>
	11 <b>7214.5</b>		26 <b>7260.5</b>		11 <b>7306.5</b>		26 <b>7352.5</b>
	12 <b>7215.5</b>		27 <b>7261.5</b>		12 <b>7307.5</b>		27 <b>7353.5</b>
	13 <b>7216.5</b>		28 <b>7262.5</b>		13 <b>7308.5</b>		28 <b>7354.5</b>
	14 <b>7217.5</b>		29 <b>7263.5</b>		14 <b>7309.5</b>		29 <b>7355.5</b>
	15 <b>7218.5</b>		30 <b>7264.5</b>		15 <b>7310.5</b>		30 <b>7356.5</b>
	16 <b>7219.5</b>		31 <b>7265.5</b>		16 <b>7311.5</b>	Dec.	1 <b>7357.5</b>
	17 <b>7220.5</b>	Sept.	1 <b>7266.5</b>		17 <b>7312.5</b>		2 <b>7358.5</b>
	18 <b>7221.5</b>		2 <b>7267.5</b>		18 <b>7313.5</b>		3 <b>7359.5</b>
	19 <b>7222.5</b>		3 <b>7268.5</b>		19 <b>7314.5</b>		4 <b>7360.5</b>
	20 <b>7223.5</b>		4 <b>7269.5</b>		20 <b>7315.5</b>		5 <b>7361.5</b>
	21 <b>7224.5</b>		5 <b>7270.5</b>		21 <b>7316.5</b>		6 <b>7362.5</b>
	22 <b>7225.5</b>		6 <b>7271.5</b>		22 <b>7317.5</b>		7 <b>7363.5</b>
	23 <b>7226.5</b>		7 <b>7272.5</b>		23 <b>7318.5</b>		8 <b>7364.5</b>
	24 <b>7227.5</b>		8 <b>7273.5</b>		24 <b>7319.5</b>		9 <b>7365.5</b>
	25 <b>7228.5</b>		9 <b>7274.5</b>		25 <b>7320.5</b>		10 <b>7366.5</b>
	26 <b>7229.5</b>		10 <b>7275.5</b>		26 <b>7321.5</b>		11 <b>7367.5</b>
	27 <b>7230.5</b>		11 <b>7276.5</b>		27 <b>7322.5</b>		12 <b>7368.5</b>
	28 <b>7231.5</b>		12 <b>7277.5</b>		28 <b>7323.5</b>		13 <b>7369.5</b>
	29 <b>7232.5</b>		13 <b>7278.5</b>		29 <b>7324.5</b>		14 <b>7370.5</b>
	30 <b>7233.5</b>		14 <b>7279.5</b>		30 <b>7325.5</b>		15 <b>7371.5</b>
	31 <b>7234.5</b>		15 <b>7280.5</b>		31 <b>7326.5</b>		16 <b>7372.5</b>
Aug.	1 <b>7235.5</b>		16 <b>7281.5</b>	Nov.	1 <b>7327.5</b>		17 <b>7373.5</b>
	2 <b>7236.5</b>		17 <b>7282.5</b>		2 <b>7328.5</b>		18 <b>7374.5</b>
	3 <b>7237.5</b>		18 <b>7283.5</b>		3 <b>7329.5</b>		19 <b>7375.5</b>
	4 <b>7238.5</b>		19 <b>7284.5</b>		4 <b>7330.5</b>		20 <b>7376.5</b>
	5 <b>7239.5</b>		20 <b>7285.5</b>		5 <b>7331.5</b>		21 <b>7377.5</b>
	6 <b>7240.5</b>		21 <b>7286.5</b>		6 <b>7332.5</b>		22 <b>7378.5</b>
	7 <b>7241.5</b>		22 <b>7287.5</b>		7 <b>7333.5</b>		23 <b>7379.5</b>
	8 <b>7242.5</b>		23 <b>7288.5</b>		8 <b>7334.5</b>		24 <b>7380.5</b>
	9 <b>7243.5</b>		24 <b>7289.5</b>		9 <b>7335.5</b>		25 <b>7381.5</b>
	10 <b>7244.5</b>		25 <b>7290.5</b>		10 <b>7336.5</b>		26 <b>7382.5</b>
	11 <b>7245.5</b>		26 <b>7291.5</b>		11 <b>7337.5</b>		27 <b>7383.5</b>
	12 <b>7246.5</b>		27 <b>7292.5</b>		12 <b>7338.5</b>		28 <b>7384.5</b>
	13 <b>7247.5</b>		28 <b>7293.5</b>		13 <b>7339.5</b>		29 <b>7385.5</b>
	14 <b>7248.5</b>		29 <b>7294.5</b>		14 <b>7340.5</b>		30 <b>7386.5</b>
	15 <b>7249.5</b>		30 <b>7295.5</b>		15 <b>7341.5</b>		31 <b>7387.5</b>

## JULIAN DAYS, 2016

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>245</b>		<b>245</b>		<b>245</b>		<b>245</b>
Jan.	0 7387.5	Feb.	15 7433.5	Apr.	1 7479.5	May	17 7525.5
	1 7388.5		16 7434.5		2 7480.5		18 7526.5
	2 7389.5		17 7435.5		3 7481.5		10 7527.5
	3 7390.5		18 7436.5		4 7482.5		20 7528.5
	4 7391.5		19 7437.5		5 7483.5		21 7529.5
	5 7392.5		20 7438.5		6 7484.5		22 7530.5
	6 7393.5		21 7439.5		7 7485.5		23 7531.5
	7 7394.5		22 7440.5		8 7486.5		24 7532.5
	8 7395.5		23 7441.5		9 7487.5		25 7533.5
	9 7396.5		24 7442.5		10 7488.5		26 7534.5
	10 7397.5		25 7443.5		11 7489.5		27 7535.5
	11 7398.5		26 7444.5		12 7490.5		28 7536.5
	12 7399.5		27 7445.5		13 7491.5		29 7537.5
	13 7400.5		28 7446.5		14 7492.5		30 7538.5
	14 7401.5		29 7447.5		15 7493.5		31 7539.5
	15 7402.5	Mar.	1 7448.5		16 7494.5	June	1 7540.5
	16 7403.5		2 7449.5		17 7495.5		2 7541.5
	17 7404.5		3 7450.5		18 7496.5		3 7542.5
	18 7405.5		4 7451.5		19 7497.5		4 7543.5
	19 7406.5		5 7452.5		20 7498.5		5 7544.5
	20 7407.5		6 7453.5		21 7499.5		6 7545.5
	21 7408.5		7 7454.5		22 7500.5		7 7546.5
	22 7409.5		8 7455.5		23 7501.5		8 7547.5
	23 7410.5		9 7456.5		24 7502.5		9 7548.5
	24 7411.5		10 7457.5		25 7503.5		10 7549.5
	25 7412.5		11 7458.5		26 7504.5		11 7550.5
	26 7413.5		12 7459.5		27 7505.5		12 7551.5
	27 7414.5		13 7460.5		28 7506.5		13 7552.5
	28 7415.5		14 7461.5		29 7507.5		14 7553.5
	29 7416.5		15 7462.5		30 7508.5		15 7554.5
	30 7417.5		16 7463.5	May	1 7509.5		16 7555.5
	31 7418.5		17 7464.5		2 7510.5		17 7556.5
Feb.	1 7419.5		18 7465.5		3 7511.5		18 7557.5
	2 7420.5		19 7466.5		4 7512.5		19 7558.5
	3 7421.5		20 7467.5		5 7513.5		20 7559.5
	4 7422.5		21 7468.5		6 7514.5		21 7560.5
	5 7423.5		22 7469.5		7 7515.5		22 7561.5
	6 7424.5		23 7470.5		8 7516.5		23 7562.5
	7 7425.5		24 7471.5		9 7517.5		24 7563.5
	8 7426.5		25 7472.5		10 7518.5		25 7564.5
	9 7427.5		26 7473.5		11 7519.5		26 7565.5
	10 7428.5		27 7474.5		12 7520.5		27 7566.5
	11 7429.5		28 7475.5		13 7521.5		28 7567.5
	12 7430.5		29 7476.5		14 7522.5		29 7568.5
	13 7431.5		30 7477.5		15 7523.5		30 7569.5
	14 7432.5		31 7478.5		16 7524.5	July	1 7570.5

## JULIAN DAYS, 2016

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>245</b>		<b>245</b>		<b>245</b>		<b>245</b>
July	1 7570.5	Aug.	16 7616.5	Oct.	1 7662.5	Nov.	16 7708.5
	2 7571.5		17 7617.5		2 7663.5		17 7709.5
	3 7572.5		18 7618.5		3 7664.5		18 7710.5
	4 7573.5		19 7619.5		4 7665.5		19 7711.5
	5 7574.5		20 7620.5		5 7666.5		20 7712.5
	6 7575.5		21 7621.5		6 7667.5		21 7713.5
	7 7576.5		22 7622.5		7 7668.5		22 7714.5
	8 7577.5		23 7623.5		8 7669.5		23 7715.5
	9 7578.5		24 7624.5		9 7670.5		24 7716.5
	10 7579.5		25 7625.5		10 7671.5		25 7717.5
	11 7580.5		26 7626.5		11 7672.5		26 7718.5
	12 7581.5		27 7627.5		12 7673.5		27 7719.5
	13 7582.5		28 7628.5		13 7674.5		28 7720.5
	14 7583.5		29 7629.5		14 7675.5		29 7721.5
	15 7584.5		30 7630.5		15 7676.5		30 7722.5
	16 7585.5		31 7631.5		16 7677.5	Dec.	1 7723.5
	17 7586.5	Sept.	1 7632.5		17 7678.5		2 7724.5
	18 7587.5		2 7633.5		18 7679.5		3 7725.5
	19 7588.5		3 7634.5		19 7680.5		4 7726.5
	20 7589.5		4 7635.5		20 7681.5		5 7727.5
	21 7590.5		5 7636.5		21 7682.5		6 7728.5
	22 7591.5		6 7637.5		22 7683.5		7 7729.5
	23 7592.5		7 7638.5		23 7684.5		8 7730.5
	24 7593.5		8 7639.5		24 7685.5		9 7731.5
	25 7594.5		9 7640.5		25 7686.5		10 7732.5
	26 7595.5		10 7641.5		26 7687.5		11 7733.5
	27 7596.5		11 7642.5		27 7688.5		12 7734.5
	28 7597.5		12 7643.5		28 7689.5		13 7735.5
	29 7598.5		13 7644.5		29 7690.5		14 7736.5
	30 7599.5		14 7645.5		30 7691.5		15 7737.5
	31 7600.5		15 7646.5		31 7692.5		16 7738.5
Aug.	1 7601.5		16 7647.5	Nov.	1 7693.5		17 7739.5
	2 7602.5		17 7648.5		2 7694.5		18 7740.5
	3 7603.5		18 7649.5		3 7695.5		19 7741.5
	4 7604.5		19 7650.5		4 7696.5		20 7742.5
	5 7605.5		20 7651.5		5 7697.5		21 7743.5
	6 7606.5		21 7652.5		6 7698.5		22 7744.5
	7 7607.5		22 7653.5		7 7699.5		23 7745.5
	8 7608.5		23 7654.5		8 7700.5		24 7746.5
	9 7609.5		24 7655.5		9 7701.5		25 7747.5
	10 7610.5		25 7656.5		10 7702.5		26 7748.5
	11 7611.5		26 7657.5		11 7703.5		27 7749.5
	12 7612.5		27 7658.5		12 7704.5		28 7750.5
	13 7613.5		28 7659.5		13 7705.5		29 7751.5
	14 7614.5		29 7660.5		14 7706.5		30 7752.5
	15 7615.5		30 7661.5		15 7707.5		31 7753.5

## JULIAN DAYS, 2017

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>245</b>		<b>245</b>		<b>245</b>		<b>245</b>
Jan.	0 7753.5	Feb.	15 7799.5	Apr.	2 7845.5	May	18 7891.5
	1 7754.5		16 7800.5		3 7846.5		19 7892.5
	2 7755.5		17 7801.5		4 7847.5		20 7893.5
	3 7756.5		18 7802.5		5 7848.5		21 7894.5
	4 7757.5		19 7803.5		6 7849.5		22 7895.5
	5 7758.5		20 7804.5		7 7850.5		23 7896.5
	6 7759.5		21 7805.5		8 7851.5		24 7897.5
	7 7760.5		22 7806.5		9 7852.5		25 7898.5
	8 7761.5		23 7807.5		10 7853.5		26 7899.5
	9 7762.5		24 7808.5		11 7854.5		27 7900.5
	10 7763.5		25 7809.5		12 7855.5		28 7901.5
	11 7764.5		26 7810.5		13 7856.5		29 7902.5
	12 7765.5		27 7811.5		14 7857.5		30 7903.5
	13 7766.5		28 7812.5		15 7858.5		31 7904.5
	14 7767.5	Mar.	1 7813.5		16 7859.5	June	1 7905.5
	15 7768.5		2 7814.5		17 7860.5		2 7906.5
	16 7769.5		3 7815.5		18 7861.5		3 7907.5
	17 7770.5		4 7816.5		19 7862.5		4 7908.5
	18 7771.5		5 7817.5		20 7863.5		5 7909.5
	19 7772.5		6 7818.5		21 7864.5		6 7910.5
	20 7773.5		7 7819.5		22 7865.5		7 7911.5
	21 7774.5		8 7820.5		23 7866.5		8 7912.5
	22 7775.5		9 7821.5		24 7867.5		9 7913.5
	23 7776.5		10 7822.5		25 7868.5		10 7914.5
	24 7777.5		11 7823.5		26 7869.5		11 7915.5
	25 7778.5		12 7824.5		27 7870.5		12 7916.5
	26 7779.5		13 7825.5		28 7871.5		13 7917.5
	27 7780.5		14 7826.5		29 7872.5		14 7918.5
	28 7781.5		15 7827.5		30 7873.5		15 7919.5
	29 7782.5		16 7828.5	May	1 7874.5		16 7920.5
	30 7783.5		17 7829.5		2 7875.5		17 7921.5
	31 7784.5		18 7830.5		3 7876.5		18 7922.5
Feb.	1 7785.5		19 7831.5		4 7877.5		19 7923.5
	2 7786.5		20 7832.5		5 7878.5		20 7924.5
	3 7787.5		21 7833.5		6 7879.5		21 7925.5
	4 7788.5		22 7834.5		7 7880.5		22 7926.5
	5 7789.5		23 7835.5		8 7881.5		23 7927.5
	6 7790.5		24 7836.5		9 7882.5		24 7928.5
	7 7791.5		25 7837.5		10 7883.5		25 7929.5
	8 7792.5		26 7838.5		11 7884.5		26 7930.5
	9 7793.5		27 7839.5		12 7885.5		27 7931.5
	10 7794.5		28 7840.5		13 7886.5		28 7932.5
	11 7795.5		29 7841.5		14 7887.5		29 7933.5
	12 7796.5		30 7842.5		15 7888.5		30 7934.5
	13 7797.5		31 7843.5		16 7889.5	July	1 7935.5
	14 7798.5	Apr.	1 7844.5		17 7890.5		2 7936.5

## JULIAN DAYS, 2017

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>245</b>		<b>245</b>		<b>245</b>		<b>245</b>
July	1 7935.5	Aug.	16 7981.5	Oct.	1 8027.5	Nov.	16 8073.5
	2 7936.5		17 7982.5		2 8028.5		17 8074.5
	3 7937.5		18 7983.5		3 8029.5		18 8075.5
	4 7938.5		19 7984.5		4 8030.5		19 8076.5
	5 7939.5		20 7985.5		5 8031.5		20 8077.5
	6 7940.5		21 7986.5		6 8032.5		21 8078.5
	7 7941.5		22 7987.5		7 8033.5		22 8079.5
	8 7942.5		23 7988.5		8 8034.5		23 8080.5
	9 7943.5		24 7989.5		9 8035.5		24 8081.5
	10 7944.5		25 7990.5		10 8036.5		25 8082.5
	11 7945.5		26 7991.5		11 8037.5		26 8083.5
	12 7946.5		27 7992.5		12 8038.5		27 8084.5
	13 7947.5		28 7993.5		13 8039.5		28 8085.5
	14 7948.5		29 7994.5		14 8040.5		29 8086.5
	15 7949.5		30 7995.5		15 8041.5		30 8087.5
	16 7950.5		31 7996.5		16 8042.5	Dec.	1 8088.5
	17 7951.5	Sept.	1 7997.5		17 8043.5		2 8089.5
	18 7952.5		2 7998.5		18 8044.5		3 8090.5
	19 7953.5		3 7999.5		19 8045.5		4 8091.5
	20 7954.5		4 8000.5		20 8046.5		5 8092.5
	21 7955.5		5 8001.5		21 8047.5		6 8093.5
	22 7956.5		6 8002.5		22 8048.5		7 8094.5
	23 7957.5		7 8003.5		23 8049.5		8 8095.5
	24 7958.5		8 8004.5		24 8050.5		9 8096.5
	25 7959.5		9 8005.5		25 8051.5		10 8097.5
	26 7960.5		10 8006.5		26 8052.5		11 8098.5
	27 7961.5		11 8007.5		27 8053.5		12 8099.5
	28 7962.5		12 8008.5		28 8054.5		13 8100.5
	29 7963.5		13 8009.5		29 8055.5		14 8101.5
	30 7964.5		14 8010.5		30 8056.5		15 8102.5
	31 7965.5		15 8011.5		31 8057.5		16 8103.5
Aug.	1 7966.5		16 8012.5	Nov.	1 8058.5		17 8104.5
	2 7967.5		17 8013.5		2 8059.5		18 8105.5
	3 7968.5		18 8014.5		3 8060.5		19 8106.5
	4 7969.5		19 8015.5		4 8061.5		20 8107.5
	5 7970.5		20 8016.5		5 8062.5		21 8108.5
	6 7971.5		21 8017.5		6 8063.5		22 8109.5
	7 7972.5		22 8018.5		7 8064.5		23 8110.5
	8 7973.5		23 8019.5		8 8065.5		24 8111.5
	9 7974.5		24 8020.5		9 8066.5		25 8112.5
	10 7975.5		25 8021.5		10 8067.5		26 8113.5
	11 7976.5		26 8022.5		11 8068.5		27 8114.5
	12 7977.5		27 8023.5		12 8069.5		28 8115.5
	13 7978.5		28 8024.5		13 8070.5		29 8116.5
	14 7979.5		29 8025.5		14 8071.5		30 8117.5
	15 7980.5		30 8026.5		15 8072.5		31 8118.5

## JULIAN DAYS, 2018

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>245</b>		<b>245</b>		<b>245</b>		<b>245</b>
Jan.	0 <b>8118.5</b>	Feb.	15 <b>8164.5</b>	Apr.	2 <b>8210.5</b>	May	18 <b>8256.5</b>
	1 <b>8119.5</b>		16 <b>8165.5</b>		3 <b>8211.5</b>		19 <b>8257.5</b>
	2 <b>8120.5</b>		17 <b>8166.5</b>		4 <b>8212.5</b>		20 <b>8258.5</b>
	3 <b>8121.5</b>		18 <b>8167.5</b>		5 <b>8213.5</b>		21 <b>8259.5</b>
	4 <b>8122.5</b>		19 <b>8168.5</b>		6 <b>8214.5</b>		22 <b>8260.5</b>
	5 <b>8123.5</b>		20 <b>8169.5</b>		7 <b>8215.5</b>		23 <b>8261.5</b>
	6 <b>8124.5</b>		21 <b>8170.5</b>		8 <b>8216.5</b>		24 <b>8262.5</b>
	7 <b>8125.5</b>		22 <b>8171.5</b>		9 <b>8217.5</b>		25 <b>8263.5</b>
	8 <b>8126.5</b>		23 <b>8172.5</b>		10 <b>8218.5</b>		26 <b>8264.5</b>
	9 <b>8127.5</b>		24 <b>8173.5</b>		11 <b>8219.5</b>		27 <b>8265.5</b>
	10 <b>8128.5</b>		25 <b>8174.5</b>		12 <b>8220.5</b>		28 <b>8266.5</b>
	11 <b>8129.5</b>		26 <b>8175.5</b>		13 <b>8221.5</b>		29 <b>8267.5</b>
	12 <b>8130.5</b>		27 <b>8176.5</b>		14 <b>8222.5</b>		30 <b>8268.5</b>
	13 <b>8131.5</b>		28 <b>8177.5</b>		15 <b>8223.5</b>		31 <b>8269.5</b>
	14 <b>8132.5</b>	Mar.	1 <b>8178.5</b>		16 <b>8224.5</b>	June	1 <b>8270.5</b>
	15 <b>8133.5</b>		2 <b>8179.5</b>		17 <b>8225.5</b>		2 <b>8271.5</b>
	16 <b>8134.5</b>		3 <b>8180.5</b>		18 <b>8226.5</b>		3 <b>8272.5</b>
	17 <b>8135.5</b>		4 <b>8181.5</b>		19 <b>8227.5</b>		4 <b>8273.5</b>
	18 <b>8136.5</b>		5 <b>8182.5</b>		20 <b>8228.5</b>		5 <b>8274.5</b>
	19 <b>8137.5</b>		6 <b>8183.5</b>		21 <b>8229.5</b>		6 <b>8275.5</b>
	20 <b>8138.5</b>		7 <b>8184.5</b>		22 <b>8230.5</b>		7 <b>8276.5</b>
	21 <b>8139.5</b>		8 <b>8185.5</b>		23 <b>8231.5</b>		8 <b>8277.5</b>
	22 <b>8140.5</b>		9 <b>8186.5</b>		24 <b>8232.5</b>		9 <b>8278.5</b>
	23 <b>8141.5</b>		10 <b>8187.5</b>		25 <b>8233.5</b>		10 <b>8279.5</b>
	24 <b>8142.5</b>		11 <b>8188.5</b>		26 <b>8234.5</b>		11 <b>8280.5</b>
	25 <b>8143.5</b>		12 <b>8189.5</b>		27 <b>8235.5</b>		12 <b>8281.5</b>
	26 <b>8144.5</b>		13 <b>8190.5</b>		28 <b>8236.5</b>		13 <b>8282.5</b>
	27 <b>8145.5</b>		14 <b>8191.5</b>		29 <b>8237.5</b>		14 <b>8283.5</b>
	28 <b>8146.5</b>		15 <b>8192.5</b>		30 <b>8238.5</b>		15 <b>8284.5</b>
	29 <b>8147.5</b>		16 <b>8193.5</b>	May	1 <b>8239.5</b>		16 <b>8285.5</b>
	30 <b>8148.5</b>		17 <b>8194.5</b>		2 <b>8240.5</b>		17 <b>8286.5</b>
	31 <b>8149.5</b>		18 <b>8195.5</b>		3 <b>8241.5</b>		18 <b>8287.5</b>
Feb.	1 <b>8150.5</b>		19 <b>8196.5</b>		4 <b>8242.5</b>		19 <b>8288.5</b>
	2 <b>8151.5</b>		20 <b>8197.5</b>		5 <b>8243.5</b>		20 <b>8289.5</b>
	3 <b>8152.5</b>		21 <b>8198.5</b>		6 <b>8244.5</b>		21 <b>8290.5</b>
	4 <b>8153.5</b>		22 <b>8199.5</b>		7 <b>8245.5</b>		22 <b>8291.5</b>
	5 <b>8154.5</b>		23 <b>8200.5</b>		8 <b>8246.5</b>		23 <b>8292.5</b>
	6 <b>8155.5</b>		24 <b>8201.5</b>		9 <b>8247.5</b>		24 <b>8293.5</b>
	7 <b>8156.5</b>		25 <b>8202.5</b>		10 <b>8248.5</b>		25 <b>8294.5</b>
	8 <b>8157.5</b>		26 <b>8203.5</b>		11 <b>8249.5</b>		26 <b>8295.5</b>
	9 <b>8158.5</b>		27 <b>8204.5</b>		12 <b>8250.5</b>		27 <b>8296.5</b>
	10 <b>8159.5</b>		28 <b>8205.5</b>		13 <b>8251.5</b>		28 <b>8297.5</b>
	11 <b>8160.5</b>		29 <b>8206.5</b>		14 <b>8252.5</b>		29 <b>8298.5</b>
	12 <b>8161.5</b>		30 <b>8207.5</b>		15 <b>8253.5</b>		30 <b>8299.5</b>
	13 <b>8162.5</b>		31 <b>8208.5</b>		16 <b>8254.5</b>	July	1 <b>8300.5</b>
	14 <b>8163.5</b>	Apr.	1 <b>8209.5</b>		17 <b>8255.5</b>		2 <b>8301.5</b>

## JULIAN DAYS, 2018

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>245</b>		<b>245</b>		<b>245</b>		<b>245</b>
July	1 <b>8300.5</b>	Aug.	16 <b>8346.5</b>	Oct.	1 <b>8392.5</b>	Nov.	16 <b>8438.5</b>
	2 <b>8301.5</b>		17 <b>8347.5</b>		2 <b>8393.5</b>		17 <b>8439.5</b>
	3 <b>8302.5</b>		18 <b>8348.5</b>		3 <b>8394.5</b>		18 <b>8440.5</b>
	4 <b>8303.5</b>		19 <b>8349.5</b>		4 <b>8395.5</b>		19 <b>8441.5</b>
	5 <b>8304.5</b>		20 <b>8350.5</b>		5 <b>8396.5</b>		20 <b>8442.5</b>
	6 <b>8305.5</b>		21 <b>8351.5</b>		6 <b>8397.5</b>		21 <b>8443.5</b>
	7 <b>8306.5</b>		22 <b>8352.5</b>		7 <b>8398.5</b>		22 <b>8444.5</b>
	8 <b>8307.5</b>		23 <b>8353.5</b>		8 <b>8399.5</b>		23 <b>8445.5</b>
	9 <b>8308.5</b>		24 <b>8354.5</b>		9 <b>8400.5</b>		24 <b>8446.5</b>
	10 <b>8309.5</b>		25 <b>8355.5</b>		10 <b>8401.5</b>		25 <b>8447.5</b>
	11 <b>8310.5</b>		26 <b>8356.5</b>		11 <b>8402.5</b>		26 <b>8448.5</b>
	12 <b>8311.5</b>		27 <b>8357.5</b>		12 <b>8403.5</b>		27 <b>8449.5</b>
	13 <b>8312.5</b>		28 <b>8358.5</b>		13 <b>8404.5</b>		28 <b>8450.5</b>
	14 <b>8313.5</b>		29 <b>8359.5</b>		14 <b>8405.5</b>		29 <b>8451.5</b>
	15 <b>8314.5</b>		30 <b>8360.5</b>		15 <b>8406.5</b>		30 <b>8452.5</b>
	16 <b>8315.5</b>		31 <b>8361.5</b>		16 <b>8407.5</b>	Dec.	1 <b>8453.5</b>
	17 <b>8316.5</b>	Sept.	1 <b>8362.5</b>		17 <b>8408.5</b>		2 <b>8454.5</b>
	18 <b>8317.5</b>		2 <b>8363.5</b>		18 <b>8409.5</b>		3 <b>8455.5</b>
	19 <b>8318.5</b>		3 <b>8364.5</b>		19 <b>8410.5</b>		4 <b>8456.5</b>
	20 <b>8319.5</b>		4 <b>8365.5</b>		20 <b>8411.5</b>		5 <b>8457.5</b>
	21 <b>8320.5</b>		5 <b>8366.5</b>		21 <b>8412.5</b>		6 <b>8458.5</b>
	22 <b>8321.5</b>		6 <b>8367.5</b>		22 <b>8413.5</b>		7 <b>8459.5</b>
	23 <b>8322.5</b>		7 <b>8368.5</b>		23 <b>8414.5</b>		8 <b>8460.5</b>
	24 <b>8323.5</b>		8 <b>8369.5</b>		24 <b>8415.5</b>		9 <b>8461.5</b>
	25 <b>8324.5</b>		9 <b>8370.5</b>		25 <b>8416.5</b>		10 <b>8462.5</b>
	26 <b>8325.5</b>		10 <b>8371.5</b>		26 <b>8417.5</b>		11 <b>8463.5</b>
	27 <b>8326.5</b>		11 <b>8372.5</b>		27 <b>8418.5</b>		12 <b>8464.5</b>
	28 <b>8327.5</b>		12 <b>8373.5</b>		28 <b>8419.5</b>		13 <b>8465.5</b>
	29 <b>8328.5</b>		13 <b>8374.5</b>		29 <b>8420.5</b>		14 <b>8466.5</b>
	30 <b>8329.5</b>		14 <b>8375.5</b>		30 <b>8421.5</b>		15 <b>8467.5</b>
	31 <b>8330.5</b>		15 <b>8376.5</b>		31 <b>8422.5</b>		16 <b>8468.5</b>
Aug.	1 <b>8331.5</b>		16 <b>8377.5</b>	Nov.	1 <b>8423.5</b>		17 <b>8469.5</b>
	2 <b>8332.5</b>		17 <b>8378.5</b>		2 <b>8424.5</b>		18 <b>8470.5</b>
	3 <b>8333.5</b>		18 <b>8379.5</b>		3 <b>8425.5</b>		19 <b>8471.5</b>
	4 <b>8334.5</b>		19 <b>8380.5</b>		4 <b>8426.5</b>		20 <b>8472.5</b>
	5 <b>8335.5</b>		20 <b>8381.5</b>		5 <b>8427.5</b>		21 <b>8473.5</b>
	6 <b>8336.5</b>		21 <b>8382.5</b>		6 <b>8428.5</b>		22 <b>8474.5</b>
	7 <b>8337.5</b>		22 <b>8383.5</b>		7 <b>8429.5</b>		23 <b>8475.5</b>
	8 <b>8338.5</b>		23 <b>8384.5</b>		8 <b>8430.5</b>		24 <b>8476.5</b>
	9 <b>8339.5</b>		24 <b>8385.5</b>		9 <b>8431.5</b>		25 <b>8477.5</b>
	10 <b>8340.5</b>		25 <b>8386.5</b>		10 <b>8432.5</b>		26 <b>8478.5</b>
	11 <b>8341.5</b>		26 <b>8387.5</b>		11 <b>8433.5</b>		27 <b>8479.5</b>
	12 <b>8342.5</b>		27 <b>8388.5</b>		12 <b>8434.5</b>		28 <b>8480.5</b>
	13 <b>8343.5</b>		28 <b>8389.5</b>		13 <b>8435.5</b>		29 <b>8481.5</b>
	14 <b>8344.5</b>		29 <b>8390.5</b>		14 <b>8436.5</b>		30 <b>8482.5</b>
	15 <b>8345.5</b>		30 <b>8391.5</b>		15 <b>8437.5</b>		31 <b>8483.5</b>

## JULIAN DAYS, 2019

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>245</b>		<b>245</b>		<b>245</b>		<b>245</b>
Jan.	0 <b>8483.5</b>	Feb.	15 <b>8529.5</b>	Apr.	2 <b>8575.5</b>	May	18 <b>8621.5</b>
	1 <b>8484.5</b>		16 <b>8530.5</b>		3 <b>8576.5</b>		19 <b>8622.5</b>
	2 <b>8485.5</b>		17 <b>8531.5</b>		4 <b>8577.5</b>		20 <b>8623.5</b>
	3 <b>8486.5</b>		18 <b>8532.5</b>		5 <b>8578.5</b>		21 <b>8624.5</b>
	4 <b>8487.5</b>		19 <b>8533.5</b>		6 <b>8579.5</b>		22 <b>8625.5</b>
	5 <b>8488.5</b>		20 <b>8534.5</b>		7 <b>8580.5</b>		23 <b>8626.5</b>
	6 <b>8489.5</b>		21 <b>8535.5</b>		8 <b>8581.5</b>		24 <b>8627.5</b>
	7 <b>8490.5</b>		22 <b>8536.5</b>		9 <b>8582.5</b>		25 <b>8628.5</b>
	8 <b>8491.5</b>		23 <b>8537.5</b>		10 <b>8583.5</b>		26 <b>8629.5</b>
	9 <b>8492.5</b>		24 <b>8538.5</b>		11 <b>8584.5</b>		27 <b>8630.5</b>
	10 <b>8493.5</b>		25 <b>8539.5</b>		12 <b>8585.5</b>		28 <b>8631.5</b>
	11 <b>8494.5</b>		26 <b>8540.5</b>		13 <b>8586.5</b>		29 <b>8632.5</b>
	12 <b>8495.5</b>		27 <b>8541.5</b>		14 <b>8587.5</b>		30 <b>8633.5</b>
	13 <b>8496.5</b>		28 <b>8542.5</b>		15 <b>8588.5</b>		31 <b>8634.5</b>
	14 <b>8497.5</b>	Mar.	1 <b>8543.5</b>		16 <b>8589.5</b>	June	1 <b>8635.5</b>
	15 <b>8498.5</b>		2 <b>8544.5</b>		17 <b>8590.5</b>		2 <b>8636.5</b>
	16 <b>8499.5</b>		3 <b>8545.5</b>		18 <b>8591.5</b>		3 <b>8637.5</b>
	17 <b>8500.5</b>		4 <b>8546.5</b>		19 <b>8592.5</b>		4 <b>8638.5</b>
	18 <b>8501.5</b>		5 <b>8547.5</b>		20 <b>8593.5</b>		5 <b>8639.5</b>
	19 <b>8502.5</b>		6 <b>8548.5</b>		21 <b>8594.5</b>		6 <b>8640.5</b>
	20 <b>8503.5</b>		7 <b>8549.5</b>		22 <b>8595.5</b>		7 <b>8641.5</b>
	21 <b>8504.5</b>		8 <b>8550.5</b>		23 <b>8596.5</b>		8 <b>8642.5</b>
	22 <b>8505.5</b>		9 <b>8551.5</b>		24 <b>8597.5</b>		9 <b>8643.5</b>
	23 <b>8506.5</b>		10 <b>8552.5</b>		25 <b>8598.5</b>		10 <b>8644.5</b>
	24 <b>8507.5</b>		11 <b>8553.5</b>		26 <b>8599.5</b>		11 <b>8645.5</b>
	25 <b>8508.5</b>		12 <b>8554.5</b>		27 <b>8600.5</b>		12 <b>8646.5</b>
	26 <b>8509.5</b>		13 <b>8555.5</b>		28 <b>8601.5</b>		13 <b>8647.5</b>
	27 <b>8510.5</b>		14 <b>8556.5</b>		29 <b>8602.5</b>		14 <b>8648.5</b>
	28 <b>8511.5</b>		15 <b>8557.5</b>		30 <b>8603.5</b>		15 <b>8649.5</b>
	29 <b>8512.5</b>		16 <b>8558.5</b>	May	1 <b>8604.5</b>		16 <b>8650.5</b>
	30 <b>8513.5</b>		17 <b>8559.5</b>		2 <b>8605.5</b>		17 <b>8651.5</b>
	31 <b>8514.5</b>		18 <b>8560.5</b>		3 <b>8606.5</b>		18 <b>8652.5</b>
Feb.	1 <b>8515.5</b>		19 <b>8561.5</b>		4 <b>8607.5</b>		19 <b>8653.5</b>
	2 <b>8516.5</b>		20 <b>8562.5</b>		5 <b>8608.5</b>		20 <b>8654.5</b>
	3 <b>8517.5</b>		21 <b>8563.5</b>		6 <b>8609.5</b>		21 <b>8655.5</b>
	4 <b>8518.5</b>		22 <b>8564.5</b>		7 <b>8610.5</b>		22 <b>8656.5</b>
	5 <b>8519.5</b>		23 <b>8565.5</b>		8 <b>8611.5</b>		23 <b>8657.5</b>
	6 <b>8520.5</b>		24 <b>8566.5</b>		9 <b>8612.5</b>		24 <b>8658.5</b>
	7 <b>8521.5</b>		25 <b>8567.5</b>		10 <b>8613.5</b>		25 <b>8659.5</b>
	8 <b>8522.5</b>		26 <b>8568.5</b>		11 <b>8614.5</b>		26 <b>8660.5</b>
	9 <b>8523.5</b>		27 <b>8569.5</b>		12 <b>8615.5</b>		27 <b>8661.5</b>
	10 <b>8524.5</b>		28 <b>8570.5</b>		13 <b>8616.5</b>		28 <b>8662.5</b>
	11 <b>8525.5</b>		29 <b>8571.5</b>		14 <b>8617.5</b>		29 <b>8663.5</b>
	12 <b>8526.5</b>		30 <b>8572.5</b>		15 <b>8618.5</b>		30 <b>8664.5</b>
	13 <b>8527.5</b>		31 <b>8573.5</b>		16 <b>8619.5</b>	July	1 <b>8665.5</b>
	14 <b>8528.5</b>	Apr.	1 <b>8574.5</b>		17 <b>8620.5</b>		2 <b>8666.5</b>



# JULIAN DAYS, 2019

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>245</b>		<b>245</b>		<b>245</b>		<b>245</b>
July	1 8665.5	Aug.	16 8711.5	Oct.	1 8757.5	Nov.	16 8803.5
	2 8666.5		17 8712.5		2 8758.5		17 8804.5
	3 8667.5		18 8713.5		3 8759.5		18 8805.5
	4 8668.5		19 8714.5		4 8760.5		19 8806.5
	5 8669.5		20 8715.5		5 8761.5		20 8807.5
	6 8670.5		21 8716.5		6 8762.5		21 8808.5
	7 8671.5		22 8717.5		7 8763.5		22 8809.5
	8 8672.5		23 8718.5		8 8764.5		23 8810.5
	9 8673.5		24 8719.5		9 8765.5		24 8811.5
	10 8674.5		25 8720.5		10 8766.5		25 8812.5
	11 8675.5		26 8721.5		11 8767.5		26 8813.5
	12 8676.5		27 8722.5		12 8768.5		27 8814.5
	13 8677.5		28 8723.5		13 8769.5		28 8815.5
	14 8678.5		29 8724.5		14 8770.5		29 8816.5
	15 8679.5		30 8725.5		15 8771.5		30 8817.5
	16 8680.5		31 8726.5		16 8772.5	Dec.	1 8818.5
	17 8681.5	Sept.	1 8727.5		17 8773.5		2 8819.5
	18 8682.5		2 8728.5		18 8774.5		3 8820.5
	19 8683.5		3 8729.5		19 8775.5		4 8821.5
	20 8684.5		4 8730.5		20 8776.5		5 8822.5
	21 8685.5		5 8731.5		21 8777.5		6 8823.5
	22 8686.5		6 8732.5		22 8778.5		7 8824.5
	23 8687.5		7 8733.5		23 8779.5		8 8825.5
	24 8688.5		8 8734.5		24 8780.5		9 8826.5
	25 8689.5		9 8735.5		25 8781.5		10 8827.5
	26 8690.5		10 8736.5		26 8782.5		11 8828.5
	27 8691.5		11 8737.5		27 8783.5		12 8829.5
	28 8692.5		12 8738.5		28 8784.5		13 8830.5
	29 8693.5		13 8739.5		29 8785.5		14 8831.5
	30 8694.5		14 8740.5		30 8786.5		15 8832.5
	31 8695.5		15 8741.5		31 8787.5		16 8833.5
Aug.	1 8696.5		16 8742.5	Nov.	1 8788.5		17 8834.5
	2 8697.5		17 8743.5		2 8789.5		18 8835.5
	3 8698.5		18 8744.5		3 8790.5		19 8836.5
	4 8699.5		19 8745.5		4 8791.5		20 8837.5
	5 8700.5		20 8746.5		5 8792.5		21 8838.5
	6 8701.5		21 8747.5		6 8793.5		22 8839.5
	7 8702.5		22 8748.5		7 8794.5		23 8840.5
	8 8703.5		23 8749.5		8 8795.5		24 8841.5
	9 8704.5		24 8750.5		9 8796.5		25 8842.5
	10 8705.5		25 8751.5		10 8797.5		26 8843.5
	11 8706.5		26 8752.5		11 8798.5		27 8844.5
	12 8707.5		27 8753.5		12 8799.5		28 8845.5
	13 8708.5		28 8754.5		13 8800.5		29 8846.5
	14 8709.5		29 8755.5		14 8801.5		30 8847.5
	15 8710.5		30 8756.5		15 8802.5		31 8848.5

## JULIAN DAYS, 2020

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>245</b>		<b>245</b>		<b>245</b>		<b>245</b>
Jan.	0 <b>8848.5</b>	Feb.	15 <b>8894.5</b>	Apr.	1 <b>8940.5</b>	May	17 <b>8986.5</b>
	1 <b>8849.5</b>		16 <b>8895.5</b>		2 <b>8941.5</b>		18 <b>8987.5</b>
	2 <b>8850.5</b>		17 <b>8896.5</b>		3 <b>8942.5</b>		10 <b>8988.5</b>
	3 <b>8851.5</b>		18 <b>8897.5</b>		4 <b>8943.5</b>		20 <b>8989.5</b>
	4 <b>8852.5</b>		19 <b>8898.5</b>		5 <b>8944.5</b>		21 <b>8990.5</b>
	5 <b>8853.5</b>		20 <b>8899.5</b>		6 <b>8945.5</b>		22 <b>8991.5</b>
	6 <b>8854.5</b>		21 <b>8900.5</b>		7 <b>8946.5</b>		23 <b>8992.5</b>
	7 <b>8855.5</b>		22 <b>8901.5</b>		8 <b>8947.5</b>		24 <b>8993.5</b>
	8 <b>8856.5</b>		23 <b>8902.5</b>		9 <b>8948.5</b>		25 <b>8994.5</b>
	9 <b>8857.5</b>		24 <b>8903.5</b>		10 <b>8949.5</b>		26 <b>8995.5</b>
	10 <b>8858.5</b>		25 <b>8904.5</b>		11 <b>8950.5</b>		27 <b>8996.5</b>
	11 <b>8859.5</b>		26 <b>8905.5</b>		12 <b>8951.5</b>		28 <b>8997.5</b>
	12 <b>8860.5</b>		27 <b>8906.5</b>		13 <b>8952.5</b>		29 <b>8998.5</b>
	13 <b>8861.5</b>		28 <b>8907.5</b>		14 <b>8953.5</b>		30 <b>8999.5</b>
	14 <b>8862.5</b>		29 <b>8908.5</b>		15 <b>8954.5</b>		31 <b>9000.5</b>
	15 <b>8863.5</b>	Mar.	1 <b>8909.5</b>		16 <b>8955.5</b>	June	1 <b>9001.5</b>
	16 <b>8864.5</b>		2 <b>8910.5</b>		17 <b>8956.5</b>		2 <b>9002.5</b>
	17 <b>8865.5</b>		3 <b>8911.5</b>		18 <b>8957.5</b>		3 <b>9003.5</b>
	18 <b>8866.5</b>		4 <b>8912.5</b>		19 <b>8958.5</b>		4 <b>9004.5</b>
	19 <b>8867.5</b>		5 <b>8913.5</b>		20 <b>8959.5</b>		5 <b>9005.5</b>
	20 <b>8868.5</b>		6 <b>8914.5</b>		21 <b>8960.5</b>		6 <b>9006.5</b>
	21 <b>8869.5</b>		7 <b>8915.5</b>		22 <b>8961.5</b>		7 <b>9007.5</b>
	22 <b>8870.5</b>		8 <b>8916.5</b>		23 <b>8962.5</b>		8 <b>9008.5</b>
	23 <b>8871.5</b>		9 <b>8917.5</b>		24 <b>8963.5</b>		9 <b>9009.5</b>
	24 <b>8872.5</b>		10 <b>8918.5</b>		25 <b>8964.5</b>		10 <b>9010.5</b>
	25 <b>8873.5</b>		11 <b>8919.5</b>		26 <b>8965.5</b>		11 <b>9011.5</b>
	26 <b>8874.5</b>		12 <b>8920.5</b>		27 <b>8966.5</b>		12 <b>9012.5</b>
	27 <b>8875.5</b>		13 <b>8921.5</b>		28 <b>8967.5</b>		13 <b>9013.5</b>
	28 <b>8876.5</b>		14 <b>8922.5</b>		29 <b>8968.5</b>		14 <b>9014.5</b>
	29 <b>8877.5</b>		15 <b>8923.5</b>		30 <b>8969.5</b>		15 <b>9015.5</b>
	30 <b>8878.5</b>		16 <b>8924.5</b>	May	1 <b>8970.5</b>		16 <b>9016.5</b>
	31 <b>8879.5</b>		17 <b>8925.5</b>		2 <b>8971.5</b>		17 <b>9017.5</b>
Feb.	1 <b>8880.5</b>		18 <b>8926.5</b>		3 <b>8972.5</b>		18 <b>9018.5</b>
	2 <b>8881.5</b>		19 <b>8927.5</b>		4 <b>8973.5</b>		19 <b>9019.5</b>
	3 <b>8882.5</b>		20 <b>8928.5</b>		5 <b>8974.5</b>		20 <b>9020.5</b>
	4 <b>8883.5</b>		21 <b>8929.5</b>		6 <b>8975.5</b>		21 <b>9021.5</b>
	5 <b>8884.5</b>		22 <b>8930.5</b>		7 <b>8976.5</b>		22 <b>9022.5</b>
	6 <b>8885.5</b>		23 <b>8931.5</b>		8 <b>8977.5</b>		23 <b>9023.5</b>
	7 <b>8886.5</b>		24 <b>8932.5</b>		9 <b>8978.5</b>		24 <b>9024.5</b>
	8 <b>8887.5</b>		25 <b>8933.5</b>		10 <b>8979.5</b>		25 <b>9025.5</b>
	9 <b>8888.5</b>		26 <b>8934.5</b>		11 <b>8980.5</b>		26 <b>9026.5</b>
	10 <b>8889.5</b>		27 <b>8935.5</b>		12 <b>8981.5</b>		27 <b>9027.5</b>
	11 <b>8890.5</b>		28 <b>8936.5</b>		13 <b>8982.5</b>		28 <b>9028.5</b>
	12 <b>8891.5</b>		29 <b>8937.5</b>		14 <b>8983.5</b>		29 <b>9029.5</b>
	13 <b>8892.5</b>		30 <b>8938.5</b>		15 <b>8984.5</b>		30 <b>9030.5</b>
	14 <b>8893.5</b>		31 <b>8939.5</b>		16 <b>8985.5</b>	July	1 <b>9031.5</b>

## JULIAN DAYS, 2020

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>245</b>		<b>245</b>		<b>245</b>		<b>245</b>
July	1 <b>9031.5</b>	Aug.	16 <b>9077.5</b>	Oct.	1 <b>9123.5</b>	Nov.	16 <b>9169.5</b>
	2 <b>9032.5</b>		17 <b>9078.5</b>		2 <b>9124.5</b>		17 <b>9170.5</b>
	3 <b>9033.5</b>		18 <b>9079.5</b>		3 <b>9125.5</b>		18 <b>9171.5</b>
	4 <b>9034.5</b>		19 <b>9080.5</b>		4 <b>9126.5</b>		19 <b>9172.5</b>
	5 <b>9035.5</b>		20 <b>9081.5</b>		5 <b>9127.5</b>		20 <b>9173.5</b>
	6 <b>9036.5</b>		21 <b>9082.5</b>		6 <b>9128.5</b>		21 <b>9174.5</b>
	7 <b>9037.5</b>		22 <b>9083.5</b>		7 <b>9129.5</b>		22 <b>9175.5</b>
	8 <b>9038.5</b>		23 <b>9084.5</b>		8 <b>9130.5</b>		23 <b>9176.5</b>
	9 <b>9039.5</b>		24 <b>9085.5</b>		9 <b>9131.5</b>		24 <b>9177.5</b>
	10 <b>9040.5</b>		25 <b>9086.5</b>		10 <b>9132.5</b>		25 <b>9178.5</b>
	11 <b>9041.5</b>		26 <b>9087.5</b>		11 <b>9133.5</b>		26 <b>9179.5</b>
	12 <b>9042.5</b>		27 <b>9088.5</b>		12 <b>9134.5</b>		27 <b>9180.5</b>
	13 <b>9043.5</b>		28 <b>9089.5</b>		13 <b>9135.5</b>		28 <b>9181.5</b>
	14 <b>9044.5</b>		29 <b>9090.5</b>		14 <b>9136.5</b>		29 <b>9182.5</b>
	15 <b>9045.5</b>		30 <b>9091.5</b>		15 <b>9137.5</b>		30 <b>9183.5</b>
	16 <b>9046.5</b>		31 <b>9092.5</b>		16 <b>9138.5</b>	Dec.	1 <b>9184.5</b>
	17 <b>9047.5</b>	Sept.	1 <b>9093.5</b>		17 <b>9139.5</b>		2 <b>9185.5</b>
	18 <b>9048.5</b>		2 <b>9094.5</b>		18 <b>9140.5</b>		3 <b>9186.5</b>
	19 <b>9049.5</b>		3 <b>9095.5</b>		19 <b>9141.5</b>		4 <b>9187.5</b>
	20 <b>9050.5</b>		4 <b>9096.5</b>		20 <b>9142.5</b>		5 <b>9188.5</b>
	21 <b>9051.5</b>		5 <b>9097.5</b>		21 <b>9143.5</b>		6 <b>9189.5</b>
	22 <b>9052.5</b>		6 <b>9098.5</b>		22 <b>9144.5</b>		7 <b>9190.5</b>
	23 <b>9053.5</b>		7 <b>9099.5</b>		23 <b>9145.5</b>		8 <b>9191.5</b>
	24 <b>9054.5</b>		8 <b>9100.5</b>		24 <b>9146.5</b>		9 <b>9192.5</b>
	25 <b>9055.5</b>		9 <b>9101.5</b>		25 <b>9147.5</b>		10 <b>9193.5</b>
	26 <b>9056.5</b>		10 <b>9102.5</b>		26 <b>9148.5</b>		11 <b>9194.5</b>
	27 <b>9057.5</b>		11 <b>9103.5</b>		27 <b>9149.5</b>		12 <b>9195.5</b>
	28 <b>9058.5</b>		12 <b>9104.5</b>		28 <b>9150.5</b>		13 <b>9196.5</b>
	29 <b>9059.5</b>		13 <b>9105.5</b>		29 <b>9151.5</b>		14 <b>9197.5</b>
	30 <b>9060.5</b>		14 <b>9106.5</b>		30 <b>9152.5</b>		15 <b>9198.5</b>
	31 <b>9061.5</b>		15 <b>9107.5</b>		31 <b>9153.5</b>		16 <b>9199.5</b>
Aug.	1 <b>9062.5</b>		16 <b>9108.5</b>	Nov.	1 <b>9154.5</b>		17 <b>9200.5</b>
	2 <b>9063.5</b>		17 <b>9109.5</b>		2 <b>9155.5</b>		18 <b>9201.5</b>
	3 <b>9064.5</b>		18 <b>9110.5</b>		3 <b>9156.5</b>		19 <b>9202.5</b>
	4 <b>9065.5</b>		19 <b>9111.5</b>		4 <b>9157.5</b>		20 <b>9203.5</b>
	5 <b>9066.5</b>		20 <b>9112.5</b>		5 <b>9158.5</b>		21 <b>9204.5</b>
	6 <b>9067.5</b>		21 <b>9113.5</b>		6 <b>9159.5</b>		22 <b>9205.5</b>
	7 <b>9068.5</b>		22 <b>9114.5</b>		7 <b>9160.5</b>		23 <b>9206.5</b>
	8 <b>9069.5</b>		23 <b>9115.5</b>		8 <b>9161.5</b>		24 <b>9207.5</b>
	9 <b>9070.5</b>		24 <b>9116.5</b>		9 <b>9162.5</b>		25 <b>9208.5</b>
	10 <b>9071.5</b>		25 <b>9117.5</b>		10 <b>9163.5</b>		26 <b>9209.5</b>
	11 <b>9072.5</b>		26 <b>9118.5</b>		11 <b>9164.5</b>		27 <b>9210.5</b>
	12 <b>9073.5</b>		27 <b>9119.5</b>		12 <b>9165.5</b>		28 <b>9211.5</b>
	13 <b>9074.5</b>		28 <b>9120.5</b>		13 <b>9166.5</b>		29 <b>9212.5</b>
	14 <b>9075.5</b>		29 <b>9121.5</b>		14 <b>9167.5</b>		30 <b>9213.5</b>
	15 <b>9076.5</b>		30 <b>9122.5</b>		15 <b>9168.5</b>		31 <b>9214.5</b>

## JULIAN DAYS, 2021

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>245</b>		<b>245</b>		<b>245</b>		<b>245</b>
Jan.	0 <b>9214.5</b>	Feb.	15 <b>9260.5</b>	Apr.	2 <b>9306.5</b>	May	18 <b>9352.5</b>
	1 <b>9215.5</b>		16 <b>9261.5</b>		3 <b>9307.5</b>		19 <b>9353.5</b>
	2 <b>9216.5</b>		17 <b>9262.5</b>		4 <b>9308.5</b>		20 <b>9354.5</b>
	3 <b>9217.5</b>		18 <b>9263.5</b>		5 <b>9309.5</b>		21 <b>9355.5</b>
	4 <b>9218.5</b>		19 <b>9264.5</b>		6 <b>9310.5</b>		22 <b>9356.5</b>
	5 <b>9219.5</b>		20 <b>9265.5</b>		7 <b>9311.5</b>		23 <b>9357.5</b>
	6 <b>9220.5</b>		21 <b>9266.5</b>		8 <b>9312.5</b>		24 <b>9358.5</b>
	7 <b>9221.5</b>		22 <b>9267.5</b>		9 <b>9313.5</b>		25 <b>9359.5</b>
	8 <b>9222.5</b>		23 <b>9268.5</b>		10 <b>9314.5</b>		26 <b>9360.5</b>
	9 <b>9223.5</b>		24 <b>9269.5</b>		11 <b>9315.5</b>		27 <b>9361.5</b>
	10 <b>9224.5</b>		25 <b>9270.5</b>		12 <b>9316.5</b>		28 <b>9362.5</b>
	11 <b>9225.5</b>		26 <b>9271.5</b>		13 <b>9317.5</b>		29 <b>9363.5</b>
	12 <b>9226.5</b>		27 <b>9272.5</b>		14 <b>9318.5</b>		30 <b>9364.5</b>
	13 <b>9227.5</b>		28 <b>9273.5</b>		15 <b>9319.5</b>		31 <b>9365.5</b>
	14 <b>9228.5</b>	Mar.	1 <b>9274.5</b>		16 <b>9320.5</b>	June	1 <b>9366.5</b>
	15 <b>9229.5</b>		2 <b>9275.5</b>		17 <b>9321.5</b>		2 <b>9367.5</b>
	16 <b>9230.5</b>		3 <b>9276.5</b>		18 <b>9322.5</b>		3 <b>9368.5</b>
	17 <b>9231.5</b>		4 <b>9277.5</b>		19 <b>9323.5</b>		4 <b>9369.5</b>
	18 <b>9232.5</b>		5 <b>9278.5</b>		20 <b>9324.5</b>		5 <b>9370.5</b>
	19 <b>9233.5</b>		6 <b>9279.5</b>		21 <b>9325.5</b>		6 <b>9371.5</b>
	20 <b>9234.5</b>		7 <b>9280.5</b>		22 <b>9326.5</b>		7 <b>9372.5</b>
	21 <b>9235.5</b>		8 <b>9281.5</b>		23 <b>9327.5</b>		8 <b>9373.5</b>
	22 <b>9236.5</b>		9 <b>9282.5</b>		24 <b>9328.5</b>		9 <b>9374.5</b>
	23 <b>9237.5</b>		10 <b>9283.5</b>		25 <b>9329.5</b>		10 <b>9375.5</b>
	24 <b>9238.5</b>		11 <b>9284.5</b>		26 <b>9330.5</b>		11 <b>9376.5</b>
	25 <b>9239.5</b>		12 <b>9285.5</b>		27 <b>9331.5</b>		12 <b>9377.5</b>
	26 <b>9240.5</b>		13 <b>9286.5</b>		28 <b>9332.5</b>		13 <b>9378.5</b>
	27 <b>9241.5</b>		14 <b>9287.5</b>		29 <b>9333.5</b>		14 <b>9379.5</b>
	28 <b>9242.5</b>		15 <b>9288.5</b>		30 <b>9334.5</b>		15 <b>9380.5</b>
	29 <b>9243.5</b>		16 <b>9289.5</b>	May	1 <b>9335.5</b>		16 <b>9381.5</b>
	30 <b>9244.5</b>		17 <b>9290.5</b>		2 <b>9336.5</b>		17 <b>9382.5</b>
	31 <b>9245.5</b>		18 <b>9291.5</b>		3 <b>9337.5</b>		18 <b>9383.5</b>
Feb.	1 <b>9246.5</b>		19 <b>9292.5</b>		4 <b>9338.5</b>		19 <b>9384.5</b>
	2 <b>9247.5</b>		20 <b>9293.5</b>		5 <b>9339.5</b>		20 <b>9385.5</b>
	3 <b>9248.5</b>		21 <b>9294.5</b>		6 <b>9340.5</b>		21 <b>9386.5</b>
	4 <b>9249.5</b>		22 <b>9295.5</b>		7 <b>9341.5</b>		22 <b>9387.5</b>
	5 <b>9250.5</b>		23 <b>9296.5</b>		8 <b>9342.5</b>		23 <b>9388.5</b>
	6 <b>9251.5</b>		24 <b>9297.5</b>		9 <b>9343.5</b>		24 <b>9389.5</b>
	7 <b>9252.5</b>		25 <b>9298.5</b>		10 <b>9344.5</b>		25 <b>9390.5</b>
	8 <b>9253.5</b>		26 <b>9299.5</b>		11 <b>9345.5</b>		26 <b>9391.5</b>
	9 <b>9254.5</b>		27 <b>9300.5</b>		12 <b>9346.5</b>		27 <b>9392.5</b>
	10 <b>9255.5</b>		28 <b>9301.5</b>		13 <b>9347.5</b>		28 <b>9393.5</b>
	11 <b>9256.5</b>		29 <b>9302.5</b>		14 <b>9348.5</b>		29 <b>9394.5</b>
	12 <b>9257.5</b>		30 <b>9303.5</b>		15 <b>9349.5</b>		30 <b>9395.5</b>
	13 <b>9258.5</b>		31 <b>9304.5</b>		16 <b>9350.5</b>	July	1 <b>9396.5</b>
	14 <b>9259.5</b>	Apr.	1 <b>9305.5</b>		17 <b>9351.5</b>		2 <b>9397.5</b>

## JULIAN DAYS, 2021

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>245</b>		<b>245</b>		<b>245</b>		<b>245</b>
July	1 9396.5	Aug.	16 9442.5	Oct.	1 9488.5	Nov.	16 9534.5
	2 9397.5		17 9443.5		2 9489.5		17 9535.5
	3 9398.5		18 9444.5		3 9490.5		18 9536.5
	4 9399.5		19 9445.5		4 9491.5		19 9537.5
	5 9400.5		20 9446.5		5 9492.5		20 9538.5
	6 9401.5		21 9447.5		6 9493.5		21 9539.5
	7 9402.5		22 9448.5		7 9494.5		22 9540.5
	8 9403.5		23 9449.5		8 9495.5		23 9541.5
	9 9404.5		24 9450.5		9 9496.5		24 9542.5
	10 9405.5		25 9451.5		10 9497.5		25 9543.5
	11 9406.5		26 9452.5		11 9498.5		26 9544.5
	12 9407.5		27 9453.5		12 9499.5		27 9545.5
	13 9408.5		28 9454.5		13 9500.5		28 9546.5
	14 9409.5		29 9455.5		14 9501.5		29 9547.5
	15 9410.5		30 9456.5		15 9502.5		30 9548.5
	16 9411.5		31 9457.5		16 9503.5	Dec.	1 9549.5
	17 9412.5	Sept.	1 9458.5		17 9504.5		2 9550.5
	18 9413.5		2 9459.5		18 9505.5		3 9551.5
	19 9414.5		3 9460.5		19 9506.5		4 9552.5
	20 9415.5		4 9461.5		20 9507.5		5 9553.5
	21 9416.5		5 9462.5		21 9508.5		6 9554.5
	22 9417.5		6 9463.5		22 9509.5		7 9555.5
	23 9418.5		7 9464.5		23 9510.5		8 9556.5
	24 9419.5		8 9465.5		24 9511.5		9 9557.5
	25 9420.5		9 9466.5		25 9512.5		10 9558.5
	26 9421.5		10 9467.5		26 9513.5		11 9559.5
	27 9422.5		11 9468.5		27 9514.5		12 9560.5
	28 9423.5		12 9469.5		28 9515.5		13 9561.5
	29 9424.5		13 9470.5		29 9516.5		14 9562.5
	30 9425.5		14 9471.5		30 9517.5		15 9563.5
	31 9426.5		15 9472.5		31 9518.5		16 9564.5
Aug.	1 9427.5		16 9473.5	Nov.	1 9519.5		17 9565.5
	2 9428.5		17 9474.5		2 9520.5		18 9566.5
	3 9429.5		18 9475.5		3 9521.5		19 9567.5
	4 9430.5		19 9476.5		4 9522.5		20 9568.5
	5 9431.5		20 9477.5		5 9523.5		21 9569.5
	6 9432.5		21 9478.5		6 9524.5		22 9570.5
	7 9433.5		22 9479.5		7 9525.5		23 9571.5
	8 9434.5		23 9480.5		8 9526.5		24 9572.5
	9 9435.5		24 9481.5		9 9527.5		25 9573.5
	10 9436.5		25 9482.5		10 9528.5		26 9574.5
	11 9437.5		26 9483.5		11 9529.5		27 9575.5
	12 9438.5		27 9484.5		12 9530.5		28 9576.5
	13 9439.5		28 9485.5		13 9531.5		29 9577.5
	14 9440.5		29 9486.5		14 9532.5		30 9578.5
	15 9441.5		30 9487.5		15 9533.5		31 9579.5

## JULIAN DAYS, 2022

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>245</b>		<b>245</b>		<b>245</b>		<b>245</b>
Jan.	0 9579.5	Feb.	15 9625.5	Apr.	2 9671.5	May	18 9717.5
	1 9580.5		16 9626.5		3 9672.5		19 9718.5
	2 9581.5		17 9627.5		4 9673.5		20 9719.5
	3 9582.5		18 9628.5		5 9674.5		21 9720.5
	4 9583.5		19 9629.5		6 9675.5		22 9721.5
	5 9584.5		20 9630.5		7 9676.5		23 9722.5
	6 9585.5		21 9631.5		8 9677.5		24 9723.5
	7 9586.5		22 9632.5		9 9678.5		25 9724.5
	8 9587.5		23 9633.5		10 9679.5		26 9725.5
	9 9588.5		24 9634.5		11 9680.5		27 9726.5
	10 9589.5		25 9635.5		12 9681.5		28 9727.5
	11 9590.5		26 9636.5		13 9682.5		29 9728.5
	12 9591.5		27 9637.5		14 9683.5		30 9729.5
	13 9592.5		28 9638.5		15 9684.5		31 9730.5
	14 9593.5	Mar.	1 9639.5		16 9685.5	June	1 9731.5
	15 9594.5		2 9640.5		17 9686.5		2 9732.5
	16 9595.5		3 9641.5		18 9687.5		3 9733.5
	17 9596.5		4 9642.5		19 9688.5		4 9734.5
	18 9597.5		5 9643.5		20 9689.5		5 9735.5
	19 9598.5		6 9644.5		21 9690.5		6 9736.5
	20 9599.5		7 9645.5		22 9691.5		7 9737.5
	21 9600.5		8 9646.5		23 9692.5		8 9738.5
	22 9601.5		9 9647.5		24 9693.5		9 9739.5
	23 9602.5		10 9648.5		25 9694.5		10 9740.5
	24 9603.5		11 9649.5		26 9695.5		11 9741.5
	25 9604.5		12 9650.5		27 9696.5		12 9742.5
	26 9605.5		13 9651.5		28 9697.5		13 9743.5
	27 9606.5		14 9652.5		29 9698.5		14 9744.5
	28 9607.5		15 9653.5		30 9699.5		15 9745.5
	29 9608.5		16 9654.5	May	1 9700.5		16 9746.5
	30 9609.5		17 9655.5		2 9701.5		17 9747.5
	31 9610.5		18 9656.5		3 9702.5		18 9748.5
Feb.	1 9611.5		19 9657.5		4 9703.5		19 9749.5
	2 9612.5		20 9658.5		5 9704.5		20 9750.5
	3 9613.5		21 9659.5		6 9705.5		21 9751.5
	4 9614.5		22 9660.5		7 9706.5		22 9752.5
	5 9615.5		23 9661.5		8 9707.5		23 9753.5
	6 9616.5		24 9662.5		9 9708.5		24 9754.5
	7 9617.5		25 9663.5		10 9709.5		25 9755.5
	8 9618.5		26 9664.5		11 9710.5		26 9756.5
	9 9619.5		27 9665.5		12 9711.5		27 9757.5
	10 9620.5		28 9666.5		13 9712.5		28 9758.5
	11 9621.5		29 9667.5		14 9713.5		29 9759.5
	12 9622.5		30 9668.5		15 9714.5		30 9760.5
	13 9623.5		31 9669.5		16 9715.5	July	1 9761.5
	14 9624.5	Apr.	1 9670.5		17 9716.5		2 9762.5

## JULIAN DAYS, 2022

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>245</b>		<b>245</b>		<b>245</b>		<b>245</b>
July	1 9761.5	Aug.	16 9807.5	Oct.	1 9853.5	Nov.	16 9899.5
	2 9762.5		17 9808.5		2 9854.5		17 9900.5
	3 9763.5		18 9809.5		3 9855.5		18 9901.5
	4 9764.5		19 9810.5		4 9856.5		19 9902.5
	5 9765.5		20 9811.5		5 9857.5		20 9903.5
	6 9766.5		21 9812.5		6 9858.5		21 9904.5
	7 9767.5		22 9813.5		7 9859.5		22 9905.5
	8 9768.5		23 9814.5		8 9860.5		23 9906.5
	9 9769.5		24 9815.5		9 9861.5		24 9907.5
	10 9770.5		25 9816.5		10 9862.5		25 9908.5
	11 9771.5		26 9817.5		11 9863.5		26 9909.5
	12 9772.5		27 9818.5		12 9864.5		27 9910.5
	13 9773.5		28 9819.5		13 9865.5		28 9911.5
	14 9774.5		29 9820.5		14 9866.5		29 9912.5
	15 9775.5		30 9821.5		15 9867.5		30 9913.5
	16 9776.5		31 9822.5		16 9868.5	Dec.	1 9914.5
	17 9777.5	Sept.	1 9823.5		17 9869.5		2 9915.5
	18 9778.5		2 9824.5		18 9870.5		3 9916.5
	19 9779.5		3 9825.5		19 9871.5		4 9917.5
	20 9780.5		4 9826.5		20 9872.5		5 9918.5
	21 9781.5		5 9827.5		21 9873.5		6 9919.5
	22 9782.5		6 9828.5		22 9874.5		7 9920.5
	23 9783.5		7 9829.5		23 9875.5		8 9921.5
	24 9784.5		8 9830.5		24 9876.5		9 9922.5
	25 9785.5		9 9831.5		25 9877.5		10 9923.5
	26 9786.5		10 9832.5		26 9878.5		11 9924.5
	27 9787.5		11 9833.5		27 9879.5		12 9925.5
	28 9788.5		12 9834.5		28 9880.5		13 9926.5
	29 9789.5		13 9835.5		29 9881.5		14 9927.5
	30 9790.5		14 9836.5		30 9882.5		15 9928.5
	31 9791.5		15 9837.5		31 9883.5		16 9929.5
Aug.	1 9792.5		16 9838.5	Nov.	1 9884.5		17 9930.5
	2 9793.5		17 9839.5		2 9885.5		18 9931.5
	3 9794.5		18 9840.5		3 9886.5		19 9932.5
	4 9795.5		19 9841.5		4 9887.5		20 9933.5
	5 9796.5		20 9842.5		5 9888.5		21 9934.5
	6 9797.5		21 9843.5		6 9889.5		22 9935.5
	7 9798.5		22 9844.5		7 9890.5		23 9936.5
	8 9799.5		23 9845.5		8 9891.5		24 9937.5
	9 9800.5		24 9846.5		9 9892.5		25 9938.5
	10 9801.5		25 9847.5		10 9893.5		26 9939.5
	11 9802.5		26 9848.5		11 9894.5		27 9940.5
	12 9803.5		27 9849.5		12 9895.5		28 9941.5
	13 9804.5		28 9850.5		13 9896.5		29 9942.5
	14 9805.5		29 9851.5		14 9897.5		30 9943.5
	15 9806.5		30 9852.5		15 9898.5		31 9944.5

## JULIAN DAYS, 2023

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>245</b>		<b>245/6</b>		<b>246</b>		<b>246</b>
Jan.	0 <b>9944.5</b>	Feb.	15 <b>9990.5</b>	Apr.	2 <b>0036.5</b>	May	18 <b>0082.5</b>
	1 <b>9945.5</b>		16 <b>9991.5</b>		3 <b>0037.5</b>		19 <b>0083.5</b>
	2 <b>9946.5</b>		17 <b>9992.5</b>		4 <b>0038.5</b>		20 <b>0084.5</b>
	3 <b>9947.5</b>		18 <b>9993.5</b>		5 <b>0039.5</b>		21 <b>0085.5</b>
	4 <b>9948.5</b>		19 <b>9994.5</b>		6 <b>0040.5</b>		22 <b>0086.5</b>
	5 <b>9949.5</b>		20 <b>9995.5</b>		7 <b>0041.5</b>		23 <b>0087.5</b>
	6 <b>9950.5</b>		21 <b>9996.5</b>		8 <b>0042.5</b>		24 <b>0088.5</b>
	7 <b>9951.5</b>		22 <b>9997.5</b>		9 <b>0043.5</b>		25 <b>0089.5</b>
	8 <b>9952.5</b>		23 <b>9998.5</b>		10 <b>0044.5</b>		26 <b>0090.5</b>
	9 <b>9953.5</b>		24 <b>9999.5</b>		11 <b>0045.5</b>		27 <b>0091.5</b>
	10 <b>9954.5</b>		25 <b>0000.5</b>		12 <b>0046.5</b>		28 <b>0092.5</b>
	11 <b>9955.5</b>		26 <b>0001.5</b>		13 <b>0047.5</b>		29 <b>0093.5</b>
	12 <b>9956.5</b>		27 <b>0002.5</b>		14 <b>0048.5</b>		30 <b>0094.5</b>
	13 <b>9957.5</b>		28 <b>0003.5</b>		15 <b>0049.5</b>		31 <b>0095.5</b>
	14 <b>9958.5</b>	Mar.	1 <b>0004.5</b>		16 <b>0050.5</b>	June	1 <b>0096.5</b>
	15 <b>9959.5</b>		2 <b>0005.5</b>		17 <b>0051.5</b>		2 <b>0097.5</b>
	16 <b>9960.5</b>		3 <b>0006.5</b>		18 <b>0052.5</b>		3 <b>0098.5</b>
	17 <b>9961.5</b>		4 <b>0007.5</b>		19 <b>0053.5</b>		4 <b>0099.5</b>
	18 <b>9962.5</b>		5 <b>0008.5</b>		20 <b>0054.5</b>		5 <b>0100.5</b>
	19 <b>9963.5</b>		6 <b>0009.5</b>		21 <b>0055.5</b>		6 <b>0101.5</b>
	20 <b>9964.5</b>		7 <b>0010.5</b>		22 <b>0056.5</b>		7 <b>0102.5</b>
	21 <b>9965.5</b>		8 <b>0011.5</b>		23 <b>0057.5</b>		8 <b>0103.5</b>
	22 <b>9966.5</b>		9 <b>0012.5</b>		24 <b>0058.5</b>		9 <b>0104.5</b>
	23 <b>9967.5</b>		10 <b>0013.5</b>		25 <b>0059.5</b>		10 <b>0105.5</b>
	24 <b>9968.5</b>		11 <b>0014.5</b>		26 <b>0060.5</b>		11 <b>0106.5</b>
	25 <b>9969.5</b>		12 <b>0015.5</b>		27 <b>0061.5</b>		12 <b>0107.5</b>
	26 <b>9970.5</b>		13 <b>0016.5</b>		28 <b>0062.5</b>		13 <b>0108.5</b>
	27 <b>9971.5</b>		14 <b>0017.5</b>		29 <b>0063.5</b>		14 <b>0109.5</b>
	28 <b>9972.5</b>		15 <b>0018.5</b>		30 <b>0064.5</b>		15 <b>0110.5</b>
	29 <b>9973.5</b>		16 <b>0019.5</b>	May	1 <b>0065.5</b>		16 <b>0111.5</b>
	30 <b>9974.5</b>		17 <b>0020.5</b>		2 <b>0066.5</b>		17 <b>0112.5</b>
	31 <b>9975.5</b>		18 <b>0021.5</b>		3 <b>0067.5</b>		18 <b>0113.5</b>
Feb.	1 <b>9976.5</b>		19 <b>0022.5</b>		4 <b>0068.5</b>		19 <b>0114.5</b>
	2 <b>9977.5</b>		20 <b>0023.5</b>		5 <b>0069.5</b>		20 <b>0115.5</b>
	3 <b>9978.5</b>		21 <b>0024.5</b>		6 <b>0070.5</b>		21 <b>0116.5</b>
	4 <b>9979.5</b>		22 <b>0025.5</b>		7 <b>0071.5</b>		22 <b>0117.5</b>
	5 <b>9980.5</b>		23 <b>0026.5</b>		8 <b>0072.5</b>		23 <b>0118.5</b>
	6 <b>9981.5</b>		24 <b>0027.5</b>		9 <b>0073.5</b>		24 <b>0119.5</b>
	7 <b>9982.5</b>		25 <b>0028.5</b>		10 <b>0074.5</b>		25 <b>0120.5</b>
	8 <b>9983.5</b>		26 <b>0029.5</b>		11 <b>0075.5</b>		26 <b>0121.5</b>
	9 <b>9984.5</b>		27 <b>0030.5</b>		12 <b>0076.5</b>		27 <b>0122.5</b>
	10 <b>9985.5</b>		28 <b>0031.5</b>		13 <b>0077.5</b>		28 <b>0123.5</b>
	11 <b>9986.5</b>		29 <b>0032.5</b>		14 <b>0078.5</b>		29 <b>0124.5</b>
	12 <b>9987.5</b>		30 <b>0033.5</b>		15 <b>0079.5</b>		30 <b>0125.5</b>
	13 <b>9988.5</b>		31 <b>0034.5</b>		16 <b>0080.5</b>	July	1 <b>0126.5</b>
	14 <b>9989.5</b>	Apr.	1 <b>0035.5</b>		17 <b>0081.5</b>		2 <b>0127.5</b>



## JULIAN DAYS, 2023

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>246</b>		<b>246</b>		<b>246</b>		<b>246</b>
July	1 <b>0126.5</b>	Aug.	16 <b>0172.5</b>	Oct.	1 <b>0218.5</b>	Nov.	16 <b>0264.5</b>
	2 <b>0127.5</b>		17 <b>0173.5</b>		2 <b>0219.5</b>		17 <b>0265.5</b>
	3 <b>0128.5</b>		18 <b>0174.5</b>		3 <b>0220.5</b>		18 <b>0266.5</b>
	4 <b>0129.5</b>		19 <b>0175.5</b>		4 <b>0221.5</b>		19 <b>0267.5</b>
	5 <b>0130.5</b>		20 <b>0176.5</b>		5 <b>0222.5</b>		20 <b>0268.5</b>
	6 <b>0131.5</b>		21 <b>0177.5</b>		6 <b>0223.5</b>		21 <b>0269.5</b>
	7 <b>0132.5</b>		22 <b>0178.5</b>		7 <b>0224.5</b>		22 <b>0270.5</b>
	8 <b>0133.5</b>		23 <b>0179.5</b>		8 <b>0225.5</b>		23 <b>0271.5</b>
	9 <b>0134.5</b>		24 <b>0180.5</b>		9 <b>0226.5</b>		24 <b>0272.5</b>
	10 <b>0135.5</b>		25 <b>0181.5</b>		10 <b>0227.5</b>		25 <b>0273.5</b>
	11 <b>0136.5</b>		26 <b>0182.5</b>		11 <b>0228.5</b>		26 <b>0274.5</b>
	12 <b>0137.5</b>		27 <b>0183.5</b>		12 <b>0229.5</b>		27 <b>0275.5</b>
	13 <b>0138.5</b>		28 <b>0184.5</b>		13 <b>0230.5</b>		28 <b>0276.5</b>
	14 <b>0139.5</b>		29 <b>0185.5</b>		14 <b>0231.5</b>		29 <b>0277.5</b>
	15 <b>0140.5</b>		30 <b>0186.5</b>		15 <b>0232.5</b>		30 <b>0278.5</b>
	16 <b>0141.5</b>		31 <b>0187.5</b>		16 <b>0233.5</b>	Dec.	1 <b>0279.5</b>
	17 <b>0142.5</b>	Sept.	1 <b>0188.5</b>		17 <b>0234.5</b>		2 <b>0280.5</b>
	18 <b>0143.5</b>		2 <b>0189.5</b>		18 <b>0235.5</b>		3 <b>0281.5</b>
	19 <b>0144.5</b>		3 <b>0190.5</b>		19 <b>0236.5</b>		4 <b>0282.5</b>
	20 <b>0145.5</b>		4 <b>0191.5</b>		20 <b>0237.5</b>		5 <b>0283.5</b>
	21 <b>0146.5</b>		5 <b>0192.5</b>		21 <b>0238.5</b>		6 <b>0284.5</b>
	22 <b>0147.5</b>		6 <b>0193.5</b>		22 <b>0239.5</b>		7 <b>0285.5</b>
	23 <b>0148.5</b>		7 <b>0194.5</b>		23 <b>0240.5</b>		8 <b>0286.5</b>
	24 <b>0149.5</b>		8 <b>0195.5</b>		24 <b>0241.5</b>		9 <b>0287.5</b>
	25 <b>0150.5</b>		9 <b>0196.5</b>		25 <b>0242.5</b>		10 <b>0288.5</b>
	26 <b>0151.5</b>		10 <b>0197.5</b>		26 <b>0243.5</b>		11 <b>0289.5</b>
	27 <b>0152.5</b>		11 <b>0198.5</b>		27 <b>0244.5</b>		12 <b>0290.5</b>
	28 <b>0153.5</b>		12 <b>0199.5</b>		28 <b>0245.5</b>		13 <b>0291.5</b>
	29 <b>0154.5</b>		13 <b>0200.5</b>		29 <b>0246.5</b>		14 <b>0292.5</b>
	30 <b>0155.5</b>		14 <b>0201.5</b>		30 <b>0247.5</b>		15 <b>0293.5</b>
	31 <b>0156.5</b>		15 <b>0202.5</b>		31 <b>0248.5</b>		16 <b>0294.5</b>
Aug.	1 <b>0157.5</b>		16 <b>0203.5</b>	Nov.	1 <b>0249.5</b>		17 <b>0295.5</b>
	2 <b>0158.5</b>		17 <b>0204.5</b>		2 <b>0250.5</b>		18 <b>0296.5</b>
	3 <b>0159.5</b>		18 <b>0205.5</b>		3 <b>0251.5</b>		19 <b>0297.5</b>
	4 <b>0160.5</b>		19 <b>0206.5</b>		4 <b>0252.5</b>		20 <b>0298.5</b>
	5 <b>0161.5</b>		20 <b>0207.5</b>		5 <b>0253.5</b>		21 <b>0299.5</b>
	6 <b>0162.5</b>		21 <b>0208.5</b>		6 <b>0254.5</b>		22 <b>0300.5</b>
	7 <b>0163.5</b>		22 <b>0209.5</b>		7 <b>0255.5</b>		23 <b>0301.5</b>
	8 <b>0164.5</b>		23 <b>0210.5</b>		8 <b>0256.5</b>		24 <b>0302.5</b>
	9 <b>0165.5</b>		24 <b>0211.5</b>		9 <b>0257.5</b>		25 <b>0303.5</b>
	10 <b>0166.5</b>		25 <b>0212.5</b>		10 <b>0258.5</b>		26 <b>0304.5</b>
	11 <b>0167.5</b>		26 <b>0213.5</b>		11 <b>0259.5</b>		27 <b>0305.5</b>
	12 <b>0168.5</b>		27 <b>0214.5</b>		12 <b>0260.5</b>		28 <b>0306.5</b>
	13 <b>0169.5</b>		28 <b>0215.5</b>		13 <b>0261.5</b>		29 <b>0307.5</b>
	14 <b>0170.5</b>		29 <b>0216.5</b>		14 <b>0262.5</b>		30 <b>0308.5</b>
	15 <b>0171.5</b>		30 <b>0217.5</b>		15 <b>0263.5</b>		31 <b>0309.5</b>

## JULIAN DAYS, 2024

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>246</b>		<b>246</b>		<b>246</b>		<b>246</b>
Jan.	0 <b>0309.5</b>	Feb.	15 <b>0355.5</b>	Apr.	1 <b>0401.5</b>	May	17 <b>0447.5</b>
	1 <b>0310.5</b>		16 <b>0356.5</b>		2 <b>0402.5</b>		18 <b>0448.5</b>
	2 <b>0311.5</b>		17 <b>0357.5</b>		3 <b>0403.5</b>		10 <b>0449.5</b>
	3 <b>0312.5</b>		18 <b>0358.5</b>		4 <b>0404.5</b>		20 <b>0450.5</b>
	4 <b>0313.5</b>		19 <b>0359.5</b>		5 <b>0405.5</b>		21 <b>0451.5</b>
	5 <b>0314.5</b>		20 <b>0360.5</b>		6 <b>0406.5</b>		22 <b>0452.5</b>
	6 <b>0315.5</b>		21 <b>0361.5</b>		7 <b>0407.5</b>		23 <b>0453.5</b>
	7 <b>0316.5</b>		22 <b>0362.5</b>		8 <b>0408.5</b>		24 <b>0454.5</b>
	8 <b>0317.5</b>		23 <b>0363.5</b>		9 <b>0409.5</b>		25 <b>0455.5</b>
	9 <b>0318.5</b>		24 <b>0364.5</b>		10 <b>0410.5</b>		26 <b>0456.5</b>
	10 <b>0319.5</b>		25 <b>0365.5</b>		11 <b>0411.5</b>		27 <b>0457.5</b>
	11 <b>0320.5</b>		26 <b>0366.5</b>		12 <b>0412.5</b>		28 <b>0458.5</b>
	12 <b>0321.5</b>		27 <b>0367.5</b>		13 <b>0413.5</b>		29 <b>0459.5</b>
	13 <b>0322.5</b>		28 <b>0368.5</b>		14 <b>0414.5</b>		30 <b>0460.5</b>
	14 <b>0323.5</b>		29 <b>0369.5</b>		15 <b>0415.5</b>		31 <b>0461.5</b>
	15 <b>0324.5</b>	Mar.	1 <b>0370.5</b>		16 <b>0416.5</b>	June	1 <b>0462.5</b>
	16 <b>0325.5</b>		2 <b>0371.5</b>		17 <b>0417.5</b>		2 <b>0463.5</b>
	17 <b>0326.5</b>		3 <b>0372.5</b>		18 <b>0418.5</b>		3 <b>0464.5</b>
	18 <b>0327.5</b>		4 <b>0373.5</b>		19 <b>0419.5</b>		4 <b>0465.5</b>
	19 <b>0328.5</b>		5 <b>0374.5</b>		20 <b>0420.5</b>		5 <b>0466.5</b>
	20 <b>0329.5</b>		6 <b>0375.5</b>		21 <b>0421.5</b>		6 <b>0467.5</b>
	21 <b>0330.5</b>		7 <b>0376.5</b>		22 <b>0422.5</b>		7 <b>0468.5</b>
	22 <b>0331.5</b>		8 <b>0377.5</b>		23 <b>0423.5</b>		8 <b>0469.5</b>
	23 <b>0332.5</b>		9 <b>0378.5</b>		24 <b>0424.5</b>		9 <b>0470.5</b>
	24 <b>0333.5</b>		10 <b>0379.5</b>		25 <b>0425.5</b>		10 <b>0471.5</b>
	25 <b>0334.5</b>		11 <b>0380.5</b>		26 <b>0426.5</b>		11 <b>0472.5</b>
	26 <b>0335.5</b>		12 <b>0381.5</b>		27 <b>0427.5</b>		12 <b>0473.5</b>
	27 <b>0336.5</b>		13 <b>0382.5</b>		28 <b>0428.5</b>		13 <b>0474.5</b>
	28 <b>0337.5</b>		14 <b>0383.5</b>		29 <b>0429.5</b>		14 <b>0475.5</b>
	29 <b>0338.5</b>		15 <b>0384.5</b>		30 <b>0430.5</b>		15 <b>0476.5</b>
	30 <b>0339.5</b>		16 <b>0385.5</b>	May	1 <b>0431.5</b>		16 <b>0477.5</b>
	31 <b>0340.5</b>		17 <b>0386.5</b>		2 <b>0432.5</b>		17 <b>0478.5</b>
Feb.	1 <b>0341.5</b>		18 <b>0387.5</b>		3 <b>0433.5</b>		18 <b>0479.5</b>
	2 <b>0342.5</b>		19 <b>0388.5</b>		4 <b>0434.5</b>		19 <b>0480.5</b>
	3 <b>0343.5</b>		20 <b>0389.5</b>		5 <b>0435.5</b>		20 <b>0481.5</b>
	4 <b>0344.5</b>		21 <b>0390.5</b>		6 <b>0436.5</b>		21 <b>0482.5</b>
	5 <b>0345.5</b>		22 <b>0391.5</b>		7 <b>0437.5</b>		22 <b>0483.5</b>
	6 <b>0346.5</b>		23 <b>0392.5</b>		8 <b>0438.5</b>		23 <b>0484.5</b>
	7 <b>0347.5</b>		24 <b>0393.5</b>		9 <b>0439.5</b>		24 <b>0485.5</b>
	8 <b>0348.5</b>		25 <b>0394.5</b>		10 <b>0440.5</b>		25 <b>0486.5</b>
	9 <b>0349.5</b>		26 <b>0395.5</b>		11 <b>0441.5</b>		26 <b>0487.5</b>
	10 <b>0350.5</b>		27 <b>0396.5</b>		12 <b>0442.5</b>		27 <b>0488.5</b>
	11 <b>0351.5</b>		28 <b>0397.5</b>		13 <b>0443.5</b>		28 <b>0489.5</b>
	12 <b>0352.5</b>		29 <b>0398.5</b>		14 <b>0444.5</b>		29 <b>0490.5</b>
	13 <b>0353.5</b>		30 <b>0399.5</b>		15 <b>0445.5</b>		30 <b>0491.5</b>
	14 <b>0354.5</b>		31 <b>0400.5</b>		16 <b>0446.5</b>	July	1 <b>0492.5</b>

## JULIAN DAYS, 2024

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>246</b>		<b>246</b>		<b>246</b>		<b>246</b>
July	1 <b>0492.5</b>	Aug.	16 <b>0538.5</b>	Oct.	1 <b>0584.5</b>	Nov.	16 <b>0630.5</b>
	2 <b>0493.5</b>		17 <b>0539.5</b>		2 <b>0585.5</b>		17 <b>0631.5</b>
	3 <b>0494.5</b>		18 <b>0540.5</b>		3 <b>0586.5</b>		18 <b>0632.5</b>
	4 <b>0495.5</b>		19 <b>0541.5</b>		4 <b>0587.5</b>		19 <b>0633.5</b>
	5 <b>0496.5</b>		20 <b>0542.5</b>		5 <b>0588.5</b>		20 <b>0634.5</b>
	6 <b>0497.5</b>		21 <b>0543.5</b>		6 <b>0589.5</b>		21 <b>0635.5</b>
	7 <b>0498.5</b>		22 <b>0544.5</b>		7 <b>0590.5</b>		22 <b>0636.5</b>
	8 <b>0499.5</b>		23 <b>0545.5</b>		8 <b>0591.5</b>		23 <b>0637.5</b>
	9 <b>0500.5</b>		24 <b>0546.5</b>		9 <b>0592.5</b>		24 <b>0638.5</b>
	10 <b>0501.5</b>		25 <b>0547.5</b>		10 <b>0593.5</b>		25 <b>0639.5</b>
	11 <b>0502.5</b>		26 <b>0548.5</b>		11 <b>0594.5</b>		26 <b>0640.5</b>
	12 <b>0503.5</b>		27 <b>0549.5</b>		12 <b>0595.5</b>		27 <b>0641.5</b>
	13 <b>0504.5</b>		28 <b>0550.5</b>		13 <b>0596.5</b>		28 <b>0642.5</b>
	14 <b>0505.5</b>		29 <b>0551.5</b>		14 <b>0597.5</b>		29 <b>0643.5</b>
	15 <b>0506.5</b>		30 <b>0552.5</b>		15 <b>0598.5</b>		30 <b>0644.5</b>
	16 <b>0507.5</b>		31 <b>0553.5</b>		16 <b>0599.5</b>	Dec.	1 <b>0645.5</b>
	17 <b>0508.5</b>	Sept.	1 <b>0554.5</b>		17 <b>0600.5</b>		2 <b>0646.5</b>
	18 <b>0509.5</b>		2 <b>0555.5</b>		18 <b>0601.5</b>		3 <b>0647.5</b>
	19 <b>0510.5</b>		3 <b>0556.5</b>		19 <b>0602.5</b>		4 <b>0648.5</b>
	20 <b>0511.5</b>		4 <b>0557.5</b>		20 <b>0603.5</b>		5 <b>0649.5</b>
	21 <b>0512.5</b>		5 <b>0558.5</b>		21 <b>0604.5</b>		6 <b>0650.5</b>
	22 <b>0513.5</b>		6 <b>0559.5</b>		22 <b>0605.5</b>		7 <b>0651.5</b>
	23 <b>0514.5</b>		7 <b>0560.5</b>		23 <b>0606.5</b>		8 <b>0652.5</b>
	24 <b>0515.5</b>		8 <b>0561.5</b>		24 <b>0607.5</b>		9 <b>0653.5</b>
	25 <b>0516.5</b>		9 <b>0562.5</b>		25 <b>0608.5</b>		10 <b>0654.5</b>
	26 <b>0517.5</b>		10 <b>0563.5</b>		26 <b>0609.5</b>		11 <b>0655.5</b>
	27 <b>0518.5</b>		11 <b>0564.5</b>		27 <b>0610.5</b>		12 <b>0656.5</b>
	28 <b>0519.5</b>		12 <b>0565.5</b>		28 <b>0611.5</b>		13 <b>0657.5</b>
	29 <b>0520.5</b>		13 <b>0566.5</b>		29 <b>0612.5</b>		14 <b>0658.5</b>
	30 <b>0521.5</b>		14 <b>0567.5</b>		30 <b>0613.5</b>		15 <b>0659.5</b>
	31 <b>0522.5</b>		15 <b>0568.5</b>		31 <b>0614.5</b>		16 <b>0660.5</b>
Aug.	1 <b>0523.5</b>		16 <b>0569.5</b>	Nov.	1 <b>0615.5</b>		17 <b>0661.5</b>
	2 <b>0524.5</b>		17 <b>0570.5</b>		2 <b>0616.5</b>		18 <b>0662.5</b>
	3 <b>0525.5</b>		18 <b>0571.5</b>		3 <b>0617.5</b>		19 <b>0663.5</b>
	4 <b>0526.5</b>		19 <b>0572.5</b>		4 <b>0618.5</b>		20 <b>0664.5</b>
	5 <b>0527.5</b>		20 <b>0573.5</b>		5 <b>0619.5</b>		21 <b>0665.5</b>
	6 <b>0528.5</b>		21 <b>0574.5</b>		6 <b>0620.5</b>		22 <b>0666.5</b>
	7 <b>0529.5</b>		22 <b>0575.5</b>		7 <b>0621.5</b>		23 <b>0667.5</b>
	8 <b>0530.5</b>		23 <b>0576.5</b>		8 <b>0622.5</b>		24 <b>0668.5</b>
	9 <b>0531.5</b>		24 <b>0577.5</b>		9 <b>0623.5</b>		25 <b>0669.5</b>
	10 <b>0532.5</b>		25 <b>0578.5</b>		10 <b>0624.5</b>		26 <b>0670.5</b>
	11 <b>0533.5</b>		26 <b>0579.5</b>		11 <b>0625.5</b>		27 <b>0671.5</b>
	12 <b>0534.5</b>		27 <b>0580.5</b>		12 <b>0626.5</b>		28 <b>0672.5</b>
	13 <b>0535.5</b>		28 <b>0581.5</b>		13 <b>0627.5</b>		29 <b>0673.5</b>
	14 <b>0536.5</b>		29 <b>0582.5</b>		14 <b>0628.5</b>		30 <b>0674.5</b>
	15 <b>0537.5</b>		30 <b>0583.5</b>		15 <b>0629.5</b>		31 <b>0675.5</b>

## JULIAN DAYS, 2025

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>246</b>		<b>246</b>		<b>246</b>		<b>246</b>
Jan.	0 <b>0675.5</b>	Feb.	15 <b>0721.5</b>	Apr.	2 <b>0767.5</b>	May	18 <b>0813.5</b>
	1 <b>0676.5</b>		16 <b>0722.5</b>		3 <b>0768.5</b>		19 <b>0814.5</b>
	2 <b>0677.5</b>		17 <b>0723.5</b>		4 <b>0769.5</b>		20 <b>0815.5</b>
	3 <b>0678.5</b>		18 <b>0724.5</b>		5 <b>0770.5</b>		21 <b>0816.5</b>
	4 <b>0679.5</b>		19 <b>0725.5</b>		6 <b>0771.5</b>		22 <b>0817.5</b>
	5 <b>0680.5</b>		20 <b>0726.5</b>		7 <b>0772.5</b>		23 <b>0818.5</b>
	6 <b>0681.5</b>		21 <b>0727.5</b>		8 <b>0773.5</b>		24 <b>0819.5</b>
	7 <b>0682.5</b>		22 <b>0728.5</b>		9 <b>0774.5</b>		25 <b>0820.5</b>
	8 <b>0683.5</b>		23 <b>0729.5</b>		10 <b>0775.5</b>		26 <b>0821.5</b>
	9 <b>0684.5</b>		24 <b>0730.5</b>		11 <b>0776.5</b>		27 <b>0822.5</b>
	10 <b>0685.5</b>		25 <b>0731.5</b>		12 <b>0777.5</b>		28 <b>0823.5</b>
	11 <b>0686.5</b>		26 <b>0732.5</b>		13 <b>0778.5</b>		29 <b>0824.5</b>
	12 <b>0687.5</b>		27 <b>0733.5</b>		14 <b>0779.5</b>		30 <b>0825.5</b>
	13 <b>0688.5</b>		28 <b>0734.5</b>		15 <b>0780.5</b>		31 <b>0826.5</b>
	14 <b>0689.5</b>	Mar.	1 <b>0735.5</b>		16 <b>0781.5</b>	June	1 <b>0827.5</b>
	15 <b>0690.5</b>		2 <b>0736.5</b>		17 <b>0782.5</b>		2 <b>0828.5</b>
	16 <b>0691.5</b>		3 <b>0737.5</b>		18 <b>0783.5</b>		3 <b>0829.5</b>
	17 <b>0692.5</b>		4 <b>0738.5</b>		19 <b>0784.5</b>		4 <b>0830.5</b>
	18 <b>0693.5</b>		5 <b>0739.5</b>		20 <b>0785.5</b>		5 <b>0831.5</b>
	19 <b>0694.5</b>		6 <b>0740.5</b>		21 <b>0786.5</b>		6 <b>0832.5</b>
	20 <b>0695.5</b>		7 <b>0741.5</b>		22 <b>0787.5</b>		7 <b>0833.5</b>
	21 <b>0696.5</b>		8 <b>0742.5</b>		23 <b>0788.5</b>		8 <b>0834.5</b>
	22 <b>0697.5</b>		9 <b>0743.5</b>		24 <b>0789.5</b>		9 <b>0835.5</b>
	23 <b>0698.5</b>		10 <b>0744.5</b>		25 <b>0790.5</b>		10 <b>0836.5</b>
	24 <b>0699.5</b>		11 <b>0745.5</b>		26 <b>0791.5</b>		11 <b>0837.5</b>
	25 <b>0700.5</b>		12 <b>0746.5</b>		27 <b>0792.5</b>		12 <b>0838.5</b>
	26 <b>0701.5</b>		13 <b>0747.5</b>		28 <b>0793.5</b>		13 <b>0839.5</b>
	27 <b>0702.5</b>		14 <b>0748.5</b>		29 <b>0794.5</b>		14 <b>0840.5</b>
	28 <b>0703.5</b>		15 <b>0749.5</b>		30 <b>0795.5</b>		15 <b>0841.5</b>
	29 <b>0704.5</b>		16 <b>0750.5</b>	May	1 <b>0796.5</b>		16 <b>0842.5</b>
	30 <b>0705.5</b>		17 <b>0751.5</b>		2 <b>0797.5</b>		17 <b>0843.5</b>
	31 <b>0706.5</b>		18 <b>0752.5</b>		3 <b>0798.5</b>		18 <b>0844.5</b>
Feb.	1 <b>0707.5</b>		19 <b>0753.5</b>		4 <b>0799.5</b>		19 <b>0845.5</b>
	2 <b>0708.5</b>		20 <b>0754.5</b>		5 <b>0800.5</b>		20 <b>0846.5</b>
	3 <b>0709.5</b>		21 <b>0755.5</b>		6 <b>0801.5</b>		21 <b>0847.5</b>
	4 <b>0710.5</b>		22 <b>0756.5</b>		7 <b>0802.5</b>		22 <b>0848.5</b>
	5 <b>0711.5</b>		23 <b>0757.5</b>		8 <b>0803.5</b>		23 <b>0849.5</b>
	6 <b>0712.5</b>		24 <b>0758.5</b>		9 <b>0804.5</b>		24 <b>0850.5</b>
	7 <b>0713.5</b>		25 <b>0759.5</b>		10 <b>0805.5</b>		25 <b>0851.5</b>
	8 <b>0714.5</b>		26 <b>0760.5</b>		11 <b>0806.5</b>		26 <b>0852.5</b>
	9 <b>0715.5</b>		27 <b>0761.5</b>		12 <b>0807.5</b>		27 <b>0853.5</b>
	10 <b>0716.5</b>		28 <b>0762.5</b>		13 <b>0808.5</b>		28 <b>0854.5</b>
	11 <b>0717.5</b>		29 <b>0763.5</b>		14 <b>0809.5</b>		29 <b>0855.5</b>
	12 <b>0718.5</b>		30 <b>0764.5</b>		15 <b>0810.5</b>		30 <b>0856.5</b>
	13 <b>0719.5</b>		31 <b>0765.5</b>		16 <b>0811.5</b>	July	1 <b>0857.5</b>
	14 <b>0720.5</b>	Apr.	1 <b>0766.5</b>		17 <b>0812.5</b>		2 <b>0858.5</b>

## JULIAN DAYS, 2025

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>246</b>		<b>246</b>		<b>246</b>		<b>246</b>
July	1 <b>0857.5</b>	Aug.	16 <b>0903.5</b>	Oct.	1 <b>0949.5</b>	Nov.	16 <b>0995.5</b>
	2 <b>0858.5</b>		17 <b>0904.5</b>		2 <b>0950.5</b>		17 <b>0996.5</b>
	3 <b>0859.5</b>		18 <b>0905.5</b>		3 <b>0951.5</b>		18 <b>0997.5</b>
	4 <b>0860.5</b>		19 <b>0906.5</b>		4 <b>0952.5</b>		19 <b>0998.5</b>
	5 <b>0861.5</b>		20 <b>0907.5</b>		5 <b>0953.5</b>		20 <b>0999.5</b>
	6 <b>0862.5</b>		21 <b>0908.5</b>		6 <b>0954.5</b>		21 <b>1000.5</b>
	7 <b>0863.5</b>		22 <b>0909.5</b>		7 <b>0955.5</b>		22 <b>1001.5</b>
	8 <b>0864.5</b>		23 <b>0910.5</b>		8 <b>0956.5</b>		23 <b>1002.5</b>
	9 <b>0865.5</b>		24 <b>0911.5</b>		9 <b>0957.5</b>		24 <b>1003.5</b>
	10 <b>0866.5</b>		25 <b>0912.5</b>		10 <b>0958.5</b>		25 <b>1004.5</b>
	11 <b>0867.5</b>		26 <b>0913.5</b>		11 <b>0959.5</b>		26 <b>1005.5</b>
	12 <b>0868.5</b>		27 <b>0914.5</b>		12 <b>0960.5</b>		27 <b>1006.5</b>
	13 <b>0869.5</b>		28 <b>0915.5</b>		13 <b>0961.5</b>		28 <b>1007.5</b>
	14 <b>0870.5</b>		29 <b>0916.5</b>		14 <b>0962.5</b>		29 <b>1008.5</b>
	15 <b>0871.5</b>		30 <b>0917.5</b>		15 <b>0963.5</b>		30 <b>1009.5</b>
	16 <b>0872.5</b>		31 <b>0918.5</b>		16 <b>0964.5</b>	Dec.	1 <b>1010.5</b>
	17 <b>0873.5</b>	Sept.	1 <b>0919.5</b>		17 <b>0965.5</b>		2 <b>1011.5</b>
	18 <b>0874.5</b>		2 <b>0920.5</b>		18 <b>0966.5</b>		3 <b>1012.5</b>
	19 <b>0875.5</b>		3 <b>0921.5</b>		19 <b>0967.5</b>		4 <b>1013.5</b>
	20 <b>0876.5</b>		4 <b>0922.5</b>		20 <b>0968.5</b>		5 <b>1014.5</b>
	21 <b>0877.5</b>		5 <b>0923.5</b>		21 <b>0969.5</b>		6 <b>1015.5</b>
	22 <b>0878.5</b>		6 <b>0924.5</b>		22 <b>0970.5</b>		7 <b>1016.5</b>
	23 <b>0879.5</b>		7 <b>0925.5</b>		23 <b>0971.5</b>		8 <b>1017.5</b>
	24 <b>0880.5</b>		8 <b>0926.5</b>		24 <b>0972.5</b>		9 <b>1018.5</b>
	25 <b>0881.5</b>		9 <b>0927.5</b>		25 <b>0973.5</b>		10 <b>1019.5</b>
	26 <b>0882.5</b>		10 <b>0928.5</b>		26 <b>0974.5</b>		11 <b>1020.5</b>
	27 <b>0883.5</b>		11 <b>0929.5</b>		27 <b>0975.5</b>		12 <b>1021.5</b>
	28 <b>0884.5</b>		12 <b>0930.5</b>		28 <b>0976.5</b>		13 <b>1022.5</b>
	29 <b>0885.5</b>		13 <b>0931.5</b>		29 <b>0977.5</b>		14 <b>1023.5</b>
	30 <b>0886.5</b>		14 <b>0932.5</b>		30 <b>0978.5</b>		15 <b>1024.5</b>
	31 <b>0887.5</b>		15 <b>0933.5</b>		31 <b>0979.5</b>		16 <b>1025.5</b>
Aug.	1 <b>0888.5</b>		16 <b>0934.5</b>	Nov.	1 <b>0980.5</b>		17 <b>1026.5</b>
	2 <b>0889.5</b>		17 <b>0935.5</b>		2 <b>0981.5</b>		18 <b>1027.5</b>
	3 <b>0890.5</b>		18 <b>0936.5</b>		3 <b>0982.5</b>		19 <b>1028.5</b>
	4 <b>0891.5</b>		19 <b>0937.5</b>		4 <b>0983.5</b>		20 <b>1029.5</b>
	5 <b>0892.5</b>		20 <b>0938.5</b>		5 <b>0984.5</b>		21 <b>1030.5</b>
	6 <b>0893.5</b>		21 <b>0939.5</b>		6 <b>0985.5</b>		22 <b>1031.5</b>
	7 <b>0894.5</b>		22 <b>0940.5</b>		7 <b>0986.5</b>		23 <b>1032.5</b>
	8 <b>0895.5</b>		23 <b>0941.5</b>		8 <b>0987.5</b>		24 <b>1033.5</b>
	9 <b>0896.5</b>		24 <b>0942.5</b>		9 <b>0988.5</b>		25 <b>1034.5</b>
	10 <b>0897.5</b>		25 <b>0943.5</b>		10 <b>0989.5</b>		26 <b>1035.5</b>
	11 <b>0898.5</b>		26 <b>0944.5</b>		11 <b>0990.5</b>		27 <b>1036.5</b>
	12 <b>0899.5</b>		27 <b>0945.5</b>		12 <b>0991.5</b>		28 <b>1037.5</b>
	13 <b>0900.5</b>		28 <b>0946.5</b>		13 <b>0992.5</b>		29 <b>1038.5</b>
	14 <b>0901.5</b>		29 <b>0947.5</b>		14 <b>0993.5</b>		30 <b>1039.5</b>
	15 <b>0902.5</b>		30 <b>0948.5</b>		15 <b>0994.5</b>		31 <b>1040.5</b>

## JULIAN DAYS, 2026

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>246</b>		<b>246</b>		<b>246</b>		<b>246</b>
Jan.	0 <b>1040.5</b>	Feb.	15 <b>1086.5</b>	Apr.	2 <b>1132.5</b>	May	18 <b>1178.5</b>
	1 <b>1041.5</b>		16 <b>1087.5</b>		3 <b>1133.5</b>		19 <b>1179.5</b>
	2 <b>1042.5</b>		17 <b>1088.5</b>		4 <b>1134.5</b>		20 <b>1180.5</b>
	3 <b>1043.5</b>		18 <b>1089.5</b>		5 <b>1135.5</b>		21 <b>1181.5</b>
	4 <b>1044.5</b>		19 <b>1090.5</b>		6 <b>1136.5</b>		22 <b>1182.5</b>
	5 <b>1045.5</b>		20 <b>1091.5</b>		7 <b>1137.5</b>		23 <b>1183.5</b>
	6 <b>1046.5</b>		21 <b>1092.5</b>		8 <b>1138.5</b>		24 <b>1184.5</b>
	7 <b>1047.5</b>		22 <b>1093.5</b>		9 <b>1139.5</b>		25 <b>1185.5</b>
	8 <b>1048.5</b>		23 <b>1094.5</b>		10 <b>1140.5</b>		26 <b>1186.5</b>
	9 <b>1049.5</b>		24 <b>1095.5</b>		11 <b>1141.5</b>		27 <b>1187.5</b>
	10 <b>1050.5</b>		25 <b>1096.5</b>		12 <b>1142.5</b>		28 <b>1188.5</b>
	11 <b>1051.5</b>		26 <b>1097.5</b>		13 <b>1143.5</b>		29 <b>1189.5</b>
	12 <b>1052.5</b>		27 <b>1098.5</b>		14 <b>1144.5</b>		30 <b>1190.5</b>
	13 <b>1053.5</b>		28 <b>1099.5</b>		15 <b>1145.5</b>		31 <b>1191.5</b>
	14 <b>1054.5</b>	Mar.	1 <b>1100.5</b>		16 <b>1146.5</b>	June	1 <b>1192.5</b>
	15 <b>1055.5</b>		2 <b>1101.5</b>		17 <b>1147.5</b>		2 <b>1193.5</b>
	16 <b>1056.5</b>		3 <b>1102.5</b>		18 <b>1148.5</b>		3 <b>1194.5</b>
	17 <b>1057.5</b>		4 <b>1103.5</b>		19 <b>1149.5</b>		4 <b>1195.5</b>
	18 <b>1058.5</b>		5 <b>1104.5</b>		20 <b>1150.5</b>		5 <b>1196.5</b>
	19 <b>1059.5</b>		6 <b>1105.5</b>		21 <b>1151.5</b>		6 <b>1197.5</b>
	20 <b>1060.5</b>		7 <b>1106.5</b>		22 <b>1152.5</b>		7 <b>1198.5</b>
	21 <b>1061.5</b>		8 <b>1107.5</b>		23 <b>1153.5</b>		8 <b>1199.5</b>
	22 <b>1062.5</b>		9 <b>1108.5</b>		24 <b>1154.5</b>		9 <b>1200.5</b>
	23 <b>1063.5</b>		10 <b>1109.5</b>		25 <b>1155.5</b>		10 <b>1201.5</b>
	24 <b>1064.5</b>		11 <b>1110.5</b>		26 <b>1156.5</b>		11 <b>1202.5</b>
	25 <b>1065.5</b>		12 <b>1111.5</b>		27 <b>1157.5</b>		12 <b>1203.5</b>
	26 <b>1066.5</b>		13 <b>1112.5</b>		28 <b>1158.5</b>		13 <b>1204.5</b>
	27 <b>1067.5</b>		14 <b>1113.5</b>		29 <b>1159.5</b>		14 <b>1205.5</b>
	28 <b>1068.5</b>		15 <b>1114.5</b>		30 <b>1160.5</b>		15 <b>1206.5</b>
	29 <b>1069.5</b>		16 <b>1115.5</b>	May	1 <b>1161.5</b>		16 <b>1207.5</b>
	30 <b>1070.5</b>		17 <b>1116.5</b>		2 <b>1162.5</b>		17 <b>1208.5</b>
	31 <b>1071.5</b>		18 <b>1117.5</b>		3 <b>1163.5</b>		18 <b>1209.5</b>
Feb.	1 <b>1072.5</b>		19 <b>1118.5</b>		4 <b>1164.5</b>		19 <b>1210.5</b>
	2 <b>1073.5</b>		20 <b>1119.5</b>		5 <b>1165.5</b>		20 <b>1211.5</b>
	3 <b>1074.5</b>		21 <b>1120.5</b>		6 <b>1166.5</b>		21 <b>1212.5</b>
	4 <b>1075.5</b>		22 <b>1121.5</b>		7 <b>1167.5</b>		22 <b>1213.5</b>
	5 <b>1076.5</b>		23 <b>1122.5</b>		8 <b>1168.5</b>		23 <b>1214.5</b>
	6 <b>1077.5</b>		24 <b>1123.5</b>		9 <b>1169.5</b>		24 <b>1215.5</b>
	7 <b>1078.5</b>		25 <b>1124.5</b>		10 <b>1170.5</b>		25 <b>1216.5</b>
	8 <b>1079.5</b>		26 <b>1125.5</b>		11 <b>1171.5</b>		26 <b>1217.5</b>
	9 <b>1080.5</b>		27 <b>1126.5</b>		12 <b>1172.5</b>		27 <b>1218.5</b>
	10 <b>1081.5</b>		28 <b>1127.5</b>		13 <b>1173.5</b>		28 <b>1219.5</b>
	11 <b>1082.5</b>		29 <b>1128.5</b>		14 <b>1174.5</b>		29 <b>1220.5</b>
	12 <b>1083.5</b>		30 <b>1129.5</b>		15 <b>1175.5</b>		30 <b>1221.5</b>
	13 <b>1084.5</b>		31 <b>1130.5</b>		16 <b>1176.5</b>	July	1 <b>1222.5</b>
	14 <b>1085.5</b>	Apr.	1 <b>1131.5</b>		17 <b>1177.5</b>		2 <b>1223.5</b>

## JULIAN DAYS, 2026

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day		
	<b>246</b>		<b>246</b>		<b>246</b>		<b>246</b>		
July	1	1222.5	Aug. 16	1268.5	Oct. 1	1314.5	Nov. 16	1360.5	
	2	1223.5		17	1269.5	2	1315.5	17	1361.5
	3	1224.5		18	1270.5	3	1316.5	18	1362.5
	4	1225.5		19	1271.5	4	1317.5	19	1363.5
	5	1226.5		20	1272.5	5	1318.5	20	1364.5
	6	1227.5		21	1273.5	6	1319.5	21	1365.5
	7	1228.5		22	1274.5	7	1320.5	22	1366.5
	8	1229.5		23	1275.5	8	1321.5	23	1367.5
	9	1230.5		24	1276.5	9	1322.5	24	1368.5
	10	1231.5		25	1277.5	10	1323.5	25	1369.5
	11	1232.5		26	1278.5	11	1324.5	26	1370.5
	12	1233.5		27	1279.5	12	1325.5	27	1371.5
	13	1234.5		28	1280.5	13	1326.5	28	1372.5
	14	1235.5		29	1281.5	14	1327.5	29	1373.5
	15	1236.5		30	1282.5	15	1328.5	30	1374.5
	16	1237.5		31	1283.5	16	1329.5	Dec. 1	1375.5
	17	1238.5	Sept. 1	1284.5	17	1330.5	2	1376.5	
	18	1239.5		2	1285.5	18	1331.5	3	1377.5
	19	1240.5		3	1286.5	19	1332.5	4	1378.5
	20	1241.5		4	1287.5	20	1333.5	5	1379.5
	21	1242.5		5	1288.5	21	1334.5	6	1380.5
	22	1243.5		6	1289.5	22	1335.5	7	1381.5
	23	1244.5		7	1290.5	23	1336.5	8	1382.5
	24	1245.5		8	1291.5	24	1337.5	9	1383.5
	25	1246.5		9	1292.5	25	1338.5	10	1384.5
	26	1247.5		10	1293.5	26	1339.5	11	1385.5
	27	1248.5		11	1294.5	27	1340.5	12	1386.5
	28	1249.5		12	1295.5	28	1341.5	13	1387.5
	29	1250.5		13	1296.5	29	1342.5	14	1388.5
	30	1251.5		14	1297.5	30	1343.5	15	1389.5
	31	1252.5		15	1298.5	31	1344.5	16	1390.5
Aug.	1	1253.5		16	1299.5	Nov. 1	1345.5	17	1391.5
	2	1254.5		17	1300.5	2	1346.5	18	1392.5
	3	1255.5		18	1301.5	3	1347.5	19	1393.5
	4	1256.5		19	1302.5	4	1348.5	20	1394.5
	5	1257.5		20	1303.5	5	1349.5	21	1395.5
	6	1258.5		21	1304.5	6	1350.5	22	1396.5
	7	1259.5		22	1305.5	7	1351.5	23	1397.5
	8	1260.5		23	1306.5	8	1352.5	24	1398.5
	9	1261.5		24	1307.5	9	1353.5	25	1399.5
	10	1262.5		25	1308.5	10	1354.5	26	1400.5
	11	1263.5		26	1309.5	11	1355.5	27	1401.5
	12	1264.5		27	1310.5	12	1356.5	28	1402.5
	13	1265.5		28	1311.5	13	1357.5	29	1403.5
	14	1266.5		29	1312.5	14	1358.5	30	1404.5
	15	1267.5		30	1313.5	15	1359.5	31	1405.5

## JULIAN DAYS, 2027

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>246</b>		<b>246</b>		<b>246</b>		<b>246</b>
Jan.	0 1405.5	Feb.	15 1451.5	Apr.	2 1497.5	May	18 1543.5
	1 1406.5		16 1452.5		3 1498.5		19 1544.5
	2 1407.5		17 1453.5		4 1499.5		20 1545.5
	3 1408.5		18 1454.5		5 1500.5		21 1546.5
	4 1409.5		19 1455.5		6 1501.5		22 1547.5
	5 1410.5		20 1456.5		7 1502.5		23 1548.5
	6 1411.5		21 1457.5		8 1503.5		24 1549.5
	7 1412.5		22 1458.5		9 1504.5		25 1550.5
	8 1413.5		23 1459.5		10 1505.5		26 1551.5
	9 1414.5		24 1460.5		11 1506.5		27 1552.5
	10 1415.5		25 1461.5		12 1507.5		28 1553.5
	11 1416.5		26 1462.5		13 1508.5		29 1554.5
	12 1417.5		27 1463.5		14 1509.5		30 1555.5
	13 1418.5		28 1464.5		15 1510.5		31 1556.5
	14 1419.5	Mar.	1 1465.5		16 1511.5	June	1 1557.5
	15 1420.5		2 1466.5		17 1512.5		2 1558.5
	16 1421.5		3 1467.5		18 1513.5		3 1559.5
	17 1422.5		4 1468.5		19 1514.5		4 1560.5
	18 1423.5		5 1469.5		20 1515.5		5 1561.5
	19 1424.5		6 1470.5		21 1516.5		6 1562.5
	20 1425.5		7 1471.5		22 1517.5		7 1563.5
	21 1426.5		8 1472.5		23 1518.5		8 1564.5
	22 1427.5		9 1473.5		24 1519.5		9 1565.5
	23 1428.5		10 1474.5		25 1520.5		10 1566.5
	24 1429.5		11 1475.5		26 1521.5		11 1567.5
	25 1430.5		12 1476.5		27 1522.5		12 1568.5
	26 1431.5		13 1477.5		28 1523.5		13 1569.5
	27 1432.5		14 1478.5		29 1524.5		14 1570.5
	28 1433.5		15 1479.5		30 1525.5		15 1571.5
	29 1434.5		16 1480.5	May	1 1526.5		16 1572.5
	30 1435.5		17 1481.5		2 1527.5		17 1573.5
	31 1436.5		18 1482.5		3 1528.5		18 1574.5
Feb.	1 1437.5		19 1483.5		4 1529.5		19 1575.5
	2 1438.5		20 1484.5		5 1530.5		20 1576.5
	3 1439.5		21 1485.5		6 1531.5		21 1577.5
	4 1440.5		22 1486.5		7 1532.5		22 1578.5
	5 1441.5		23 1487.5		8 1533.5		23 1579.5
	6 1442.5		24 1488.5		9 1534.5		24 1580.5
	7 1443.5		25 1489.5		10 1535.5		25 1581.5
	8 1444.5		26 1490.5		11 1536.5		26 1582.5
	9 1445.5		27 1491.5		12 1537.5		27 1583.5
	10 1446.5		28 1492.5		13 1538.5		28 1584.5
	11 1447.5		29 1493.5		14 1539.5		29 1585.5
	12 1448.5		30 1494.5		15 1540.5		30 1586.5
	13 1449.5		31 1495.5		16 1541.5	July	1 1587.5
	14 1450.5	Apr.	1 1496.5		17 1542.5		2 1588.5



## JULIAN DAYS, 2027

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>246</b>		<b>246</b>		<b>246</b>		<b>246</b>
July	1 1587.5	Aug.	16 1633.5	Oct.	1 1679.5	Nov.	16 1725.5
	2 1588.5		17 1634.5		2 1680.5		17 1726.5
	3 1589.5		18 1635.5		3 1681.5		18 1727.5
	4 1590.5		19 1636.5		4 1682.5		19 1728.5
	5 1591.5		20 1637.5		5 1683.5		20 1729.5
	6 1592.5		21 1638.5		6 1684.5		21 1730.5
	7 1593.5		22 1639.5		7 1685.5		22 1731.5
	8 1594.5		23 1640.5		8 1686.5		23 1732.5
	9 1595.5		24 1641.5		9 1687.5		24 1733.5
	10 1596.5		25 1642.5		10 1688.5		25 1734.5
	11 1597.5		26 1643.5		11 1689.5		26 1735.5
	12 1598.5		27 1644.5		12 1690.5		27 1736.5
	13 1599.5		28 1645.5		13 1691.5		28 1737.5
	14 1600.5		29 1646.5		14 1692.5		29 1738.5
	15 1601.5		30 1647.5		15 1693.5		30 1739.5
	16 1602.5		31 1648.5		16 1694.5	Dec.	1 1740.5
	17 1603.5	Sept.	1 1649.5		17 1695.5		2 1741.5
	18 1604.5		2 1650.5		18 1696.5		3 1742.5
	19 1605.5		3 1651.5		19 1697.5		4 1743.5
	20 1606.5		4 1652.5		20 1698.5		5 1744.5
	21 1607.5		5 1653.5		21 1699.5		6 1745.5
	22 1608.5		6 1654.5		22 1700.5		7 1746.5
	23 1609.5		7 1655.5		23 1701.5		8 1747.5
	24 1610.5		8 1656.5		24 1702.5		9 1748.5
	25 1611.5		9 1657.5		25 1703.5		10 1749.5
	26 1612.5		10 1658.5		26 1704.5		11 1750.5
	27 1613.5		11 1659.5		27 1705.5		12 1751.5
	28 1614.5		12 1660.5		28 1706.5		13 1752.5
	29 1615.5		13 1661.5		29 1707.5		14 1753.5
	30 1616.5		14 1662.5		30 1708.5		15 1754.5
	31 1617.5		15 1663.5		31 1709.5		16 1755.5
Aug.	1 1618.5		16 1664.5	Nov.	1 1710.5		17 1756.5
	2 1619.5		17 1665.5		2 1711.5		18 1757.5
	3 1620.5		18 1666.5		3 1712.5		19 1758.5
	4 1621.5		19 1667.5		4 1713.5		20 1759.5
	5 1622.5		20 1668.5		5 1714.5		21 1760.5
	6 1623.5		21 1669.5		6 1715.5		22 1761.5
	7 1624.5		22 1670.5		7 1716.5		23 1762.5
	8 1625.5		23 1671.5		8 1717.5		24 1763.5
	9 1626.5		24 1672.5		9 1718.5		25 1764.5
	10 1627.5		25 1673.5		10 1719.5		26 1765.5
	11 1628.5		26 1674.5		11 1720.5		27 1766.5
	12 1629.5		27 1675.5		12 1721.5		28 1767.5
	13 1630.5		28 1676.5		13 1722.5		29 1768.5
	14 1631.5		29 1677.5		14 1723.5		30 1769.5
	15 1632.5		30 1678.5		15 1724.5		31 1770.5

## JULIAN DAYS, 2028

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>246</b>		<b>246</b>		<b>246</b>		<b>246</b>
Jan.	0 1770.5	Feb.	15 1816.5	Apr.	1 1862.5	May	17 1908.5
	1 1771.5		16 1817.5		2 1863.5		18 1909.5
	2 1772.5		17 1818.5		3 1864.5		10 1910.5
	3 1773.5		18 1819.5		4 1865.5		20 1911.5
	4 1774.5		19 1820.5		5 1866.5		21 1912.5
	5 1775.5		20 1821.5		6 1867.5		22 1913.5
	6 1776.5		21 1822.5		7 1868.5		23 1914.5
	7 1777.5		22 1823.5		8 1869.5		24 1915.5
	8 1778.5		23 1824.5		9 1870.5		25 1916.5
	9 1779.5		24 1825.5		10 1871.5		26 1917.5
	10 1780.5		25 1826.5		11 1872.5		27 1918.5
	11 1781.5		26 1827.5		12 1873.5		28 1919.5
	12 1782.5		27 1828.5		13 1874.5		29 1920.5
	13 1783.5		28 1829.5		14 1875.5		30 1921.5
	14 1784.5		29 1830.5		15 1876.5		31 1922.5
	15 1785.5	Mar.	1 1831.5		16 1877.5	June	1 1923.5
	16 1786.5		2 1832.5		17 1878.5		2 1924.5
	17 1787.5		3 1833.5		18 1879.5		3 1925.5
	18 1788.5		4 1834.5		19 1880.5		4 1926.5
	19 1789.5		5 1835.5		20 1881.5		5 1927.5
	20 1790.5		6 1836.5		21 1882.5		6 1928.5
	21 1791.5		7 1837.5		22 1883.5		7 1929.5
	22 1792.5		8 1838.5		23 1884.5		8 1930.5
	23 1793.5		9 1839.5		24 1885.5		9 1931.5
	24 1794.5		10 1840.5		25 1886.5		10 1932.5
	25 1795.5		11 1841.5		26 1887.5		11 1933.5
	26 1796.5		12 1842.5		27 1888.5		12 1934.5
	27 1797.5		13 1843.5		28 1889.5		13 1935.5
	28 1798.5		14 1844.5		29 1890.5		14 1936.5
	29 1799.5		15 1845.5		30 1891.5		15 1937.5
	30 1800.5		16 1846.5	May	1 1892.5		16 1938.5
	31 1801.5		17 1847.5		2 1893.5		17 1939.5
Feb.	1 1802.5		18 1848.5		3 1894.5		18 1940.5
	2 1803.5		19 1849.5		4 1895.5		19 1941.5
	3 1804.5		20 1850.5		5 1896.5		20 1942.5
	4 1805.5		21 1851.5		6 1897.5		21 1943.5
	5 1806.5		22 1852.5		7 1898.5		22 1944.5
	6 1807.5		23 1853.5		8 1899.5		23 1945.5
	7 1808.5		24 1854.5		9 1900.5		24 1946.5
	8 1809.5		25 1855.5		10 1901.5		25 1947.5
	9 1810.5		26 1856.5		11 1902.5		26 1948.5
	10 1811.5		27 1857.5		12 1903.5		27 1949.5
	11 1812.5		28 1858.5		13 1904.5		28 1950.5
	12 1813.5		29 1859.5		14 1905.5		29 1951.5
	13 1814.5		30 1860.5		15 1906.5		30 1952.5
	14 1815.5		31 1861.5		16 1907.5	July	1 1953.5

# JULIAN DAYS, 2028

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>246</b>		<b>246</b>		<b>246</b>		<b>246</b>
July	1 <b>1953.5</b>	Aug.	16 <b>1999.5</b>	Oct.	1 <b>2045.5</b>	Nov.	16 <b>2091.5</b>
	2 <b>1954.5</b>		17 <b>2000.5</b>		2 <b>2046.5</b>		17 <b>2092.5</b>
	3 <b>1955.5</b>		18 <b>2001.5</b>		3 <b>2047.5</b>		18 <b>2093.5</b>
	4 <b>1956.5</b>		19 <b>2002.5</b>		4 <b>2048.5</b>		19 <b>2094.5</b>
	5 <b>1957.5</b>		20 <b>2003.5</b>		5 <b>2049.5</b>		20 <b>2095.5</b>
	6 <b>1958.5</b>		21 <b>2004.5</b>		6 <b>2050.5</b>		21 <b>2096.5</b>
	7 <b>1959.5</b>		22 <b>2005.5</b>		7 <b>2051.5</b>		22 <b>2097.5</b>
	8 <b>1960.5</b>		23 <b>2006.5</b>		8 <b>2052.5</b>		23 <b>2098.5</b>
	9 <b>1961.5</b>		24 <b>2007.5</b>		9 <b>2053.5</b>		24 <b>2099.5</b>
	10 <b>1962.5</b>		25 <b>2008.5</b>		10 <b>2054.5</b>		25 <b>2100.5</b>
	11 <b>1963.5</b>		26 <b>2009.5</b>		11 <b>2055.5</b>		26 <b>2101.5</b>
	12 <b>1964.5</b>		27 <b>2010.5</b>		12 <b>2056.5</b>		27 <b>2102.5</b>
	13 <b>1965.5</b>		28 <b>2011.5</b>		13 <b>2057.5</b>		28 <b>2103.5</b>
	14 <b>1966.5</b>		29 <b>2012.5</b>		14 <b>2058.5</b>		29 <b>2104.5</b>
	15 <b>1967.5</b>		30 <b>2013.5</b>		15 <b>2059.5</b>		30 <b>2105.5</b>
	16 <b>1968.5</b>		31 <b>2014.5</b>		16 <b>2060.5</b>	Dec.	1 <b>2106.5</b>
	17 <b>1969.5</b>	Sept.	1 <b>2015.5</b>		17 <b>2061.5</b>		2 <b>2107.5</b>
	18 <b>1970.5</b>		2 <b>2016.5</b>		18 <b>2062.5</b>		3 <b>2108.5</b>
	19 <b>1971.5</b>		3 <b>2017.5</b>		19 <b>2063.5</b>		4 <b>2109.5</b>
	20 <b>1972.5</b>		4 <b>2018.5</b>		20 <b>2064.5</b>		5 <b>2110.5</b>
	21 <b>1973.5</b>		5 <b>2019.5</b>		21 <b>2065.5</b>		6 <b>2111.5</b>
	22 <b>1974.5</b>		6 <b>2020.5</b>		22 <b>2066.5</b>		7 <b>2112.5</b>
	23 <b>1975.5</b>		7 <b>2021.5</b>		23 <b>2067.5</b>		8 <b>2113.5</b>
	24 <b>1976.5</b>		8 <b>2022.5</b>		24 <b>2068.5</b>		9 <b>2114.5</b>
	25 <b>1977.5</b>		9 <b>2023.5</b>		25 <b>2069.5</b>		10 <b>2115.5</b>
	26 <b>1978.5</b>		10 <b>2024.5</b>		26 <b>2070.5</b>		11 <b>2116.5</b>
	27 <b>1979.5</b>		11 <b>2025.5</b>		27 <b>2071.5</b>		12 <b>2117.5</b>
	28 <b>1980.5</b>		12 <b>2026.5</b>		28 <b>2072.5</b>		13 <b>2118.5</b>
	29 <b>1981.5</b>		13 <b>2027.5</b>		29 <b>2073.5</b>		14 <b>2119.5</b>
	30 <b>1982.5</b>		14 <b>2028.5</b>		30 <b>2074.5</b>		15 <b>2120.5</b>
	31 <b>1983.5</b>		15 <b>2029.5</b>		31 <b>2075.5</b>		16 <b>2121.5</b>
Aug.	1 <b>1984.5</b>		16 <b>2030.5</b>	Nov.	1 <b>2076.5</b>		17 <b>2122.5</b>
	2 <b>1985.5</b>		17 <b>2031.5</b>		2 <b>2077.5</b>		18 <b>2123.5</b>
	3 <b>1986.5</b>		18 <b>2032.5</b>		3 <b>2078.5</b>		19 <b>2124.5</b>
	4 <b>1987.5</b>		19 <b>2033.5</b>		4 <b>2079.5</b>		20 <b>2125.5</b>
	5 <b>1988.5</b>		20 <b>2034.5</b>		5 <b>2080.5</b>		21 <b>2126.5</b>
	6 <b>1989.5</b>		21 <b>2035.5</b>		6 <b>2081.5</b>		22 <b>2127.5</b>
	7 <b>1990.5</b>		22 <b>2036.5</b>		7 <b>2082.5</b>		23 <b>2128.5</b>
	8 <b>1991.5</b>		23 <b>2037.5</b>		8 <b>2083.5</b>		24 <b>2129.5</b>
	9 <b>1992.5</b>		24 <b>2038.5</b>		9 <b>2084.5</b>		25 <b>2130.5</b>
	10 <b>1993.5</b>		25 <b>2039.5</b>		10 <b>2085.5</b>		26 <b>2131.5</b>
	11 <b>1994.5</b>		26 <b>2040.5</b>		11 <b>2086.5</b>		27 <b>2132.5</b>
	12 <b>1995.5</b>		27 <b>2041.5</b>		12 <b>2087.5</b>		28 <b>2133.5</b>
	13 <b>1996.5</b>		28 <b>2042.5</b>		13 <b>2088.5</b>		29 <b>2134.5</b>
	14 <b>1997.5</b>		29 <b>2043.5</b>		14 <b>2089.5</b>		30 <b>2135.5</b>
	15 <b>1998.5</b>		30 <b>2044.5</b>		15 <b>2090.5</b>		31 <b>2136.5</b>

## JULIAN DAYS, 2029

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>246</b>		<b>246</b>		<b>246</b>		<b>246</b>
Jan.	0 2136.5	Feb.	15 2182.5	Apr.	2 2228.5	May	18 2274.5
	1 2137.5		16 2183.5		3 2229.5		19 2275.5
	2 2138.5		17 2184.5		4 2230.5		20 2276.5
	3 2139.5		18 2185.5		5 2231.5		21 2277.5
	4 2140.5		19 2186.5		6 2232.5		22 2278.5
	5 2141.5		20 2187.5		7 2233.5		23 2279.5
	6 2142.5		21 2188.5		8 2234.5		24 2280.5
	7 2143.5		22 2189.5		9 2235.5		25 2281.5
	8 2144.5		23 2190.5		10 2236.5		26 2282.5
	9 2145.5		24 2191.5		11 2237.5		27 2283.5
	10 2146.5		25 2192.5		12 2238.5		28 2284.5
	11 2147.5		26 2193.5		13 2239.5		29 2285.5
	12 2148.5		27 2194.5		14 2240.5		30 2286.5
	13 2149.5		28 2195.5		15 2241.5		31 2287.5
	14 2150.5	Mar.	1 2196.5		16 2242.5	June	1 2288.5
	15 2151.5		2 2197.5		17 2243.5		2 2289.5
	16 2152.5		3 2198.5		18 2244.5		3 2290.5
	17 2153.5		4 2199.5		19 2245.5		4 2291.5
	18 2154.5		5 2200.5		20 2246.5		5 2292.5
	19 2155.5		6 2201.5		21 2247.5		6 2293.5
	20 2156.5		7 2202.5		22 2248.5		7 2294.5
	21 2157.5		8 2203.5		23 2249.5		8 2295.5
	22 2158.5		9 2204.5		24 2250.5		9 2296.5
	23 2159.5		10 2205.5		25 2251.5		10 2297.5
	24 2160.5		11 2206.5		26 2252.5		11 2298.5
	25 2161.5		12 2207.5		27 2253.5		12 2299.5
	26 2162.5		13 2208.5		28 2254.5		13 2300.5
	27 2163.5		14 2209.5		29 2255.5		14 2301.5
	28 2164.5		15 2210.5		30 2256.5		15 2302.5
	29 2165.5		16 2211.5	May	1 2257.5		16 2303.5
	30 2166.5		17 2212.5		2 2258.5		17 2304.5
	31 2167.5		18 2213.5		3 2259.5		18 2305.5
Feb.	1 2168.5		19 2214.5		4 2260.5		19 2306.5
	2 2169.5		20 2215.5		5 2261.5		20 2307.5
	3 2170.5		21 2216.5		6 2262.5		21 2308.5
	4 2171.5		22 2217.5		7 2263.5		22 2309.5
	5 2172.5		23 2218.5		8 2264.5		23 2310.5
	6 2173.5		24 2219.5		9 2265.5		24 2311.5
	7 2174.5		25 2220.5		10 2266.5		25 2312.5
	8 2175.5		26 2221.5		11 2267.5		26 2313.5
	9 2176.5		27 2222.5		12 2268.5		27 2314.5
	10 2177.5		28 2223.5		13 2269.5		28 2315.5
	11 2178.5		29 2224.5		14 2270.5		29 2316.5
	12 2179.5		30 2225.5		15 2271.5		30 2317.5
	13 2180.5		31 2226.5		16 2272.5	July	1 2318.5
	14 2181.5	Apr.	1 2227.5		17 2273.5		2 2319.5

## JULIAN DAYS, 2029

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>246</b>		<b>246</b>		<b>246</b>		<b>246</b>
July	1 2318.5	Aug.	16 2364.5	Oct.	1 2410.5	Nov.	16 2456.5
	2 2319.5		17 2365.5		2 2411.5		17 2457.5
	3 2320.5		18 2366.5		3 2412.5		18 2458.5
	4 2321.5		19 2367.5		4 2413.5		19 2459.5
	5 2322.5		20 2368.5		5 2414.5		20 2460.5
	6 2323.5		21 2369.5		6 2415.5		21 2461.5
	7 2324.5		22 2370.5		7 2416.5		22 2462.5
	8 2325.5		23 2371.5		8 2417.5		23 2463.5
	9 2326.5		24 2372.5		9 2418.5		24 2464.5
	10 2327.5		25 2373.5		10 2419.5		25 2465.5
	11 2328.5		26 2374.5		11 2420.5		26 2466.5
	12 2329.5		27 2375.5		12 2421.5		27 2467.5
	13 2330.5		28 2376.5		13 2422.5		28 2468.5
	14 2331.5		29 2377.5		14 2423.5		29 2469.5
	15 2332.5		30 2378.5		15 2424.5		30 2470.5
	16 2333.5		31 2379.5		16 2425.5	Dec.	1 2471.5
	17 2334.5	Sept.	1 2380.5		17 2426.5		2 2472.5
	18 2335.5		2 2381.5		18 2427.5		3 2473.5
	19 2336.5		3 2382.5		19 2428.5		4 2474.5
	20 2337.5		4 2383.5		20 2429.5		5 2475.5
	21 2338.5		5 2384.5		21 2430.5		6 2476.5
	22 2339.5		6 2385.5		22 2431.5		7 2477.5
	23 2340.5		7 2386.5		23 2432.5		8 2478.5
	24 2341.5		8 2387.5		24 2433.5		9 2479.5
	25 2342.5		9 2388.5		25 2434.5		10 2480.5
	26 2343.5		10 2389.5		26 2435.5		11 2481.5
	27 2344.5		11 2390.5		27 2436.5		12 2482.5
	28 2345.5		12 2391.5		28 2437.5		13 2483.5
	29 2346.5		13 2392.5		29 2438.5		14 2484.5
	30 2347.5		14 2393.5		30 2439.5		15 2485.5
	31 2348.5		15 2394.5		31 2440.5		16 2486.5
Aug.	1 2349.5		16 2395.5	Nov.	1 2441.5		17 2487.5
	2 2350.5		17 2396.5		2 2442.5		18 2488.5
	3 2351.5		18 2397.5		3 2443.5		19 2489.5
	4 2352.5		19 2398.5		4 2444.5		20 2490.5
	5 2353.5		20 2399.5		5 2445.5		21 2491.5
	6 2354.5		21 2400.5		6 2446.5		22 2492.5
	7 2355.5		22 2401.5		7 2447.5		23 2493.5
	8 2356.5		23 2402.5		8 2448.5		24 2494.5
	9 2357.5		24 2403.5		9 2449.5		25 2495.5
	10 2358.5		25 2404.5		10 2450.5		26 2496.5
	11 2359.5		26 2405.5		11 2451.5		27 2497.5
	12 2360.5		27 2406.5		12 2452.5		28 2498.5
	13 2361.5		28 2407.5		13 2453.5		29 2499.5
	14 2362.5		29 2408.5		14 2454.5		30 2500.5
	15 2363.5		30 2409.5		15 2455.5		31 2501.5

## JULIAN DAYS, 2030

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>246</b>		<b>246</b>		<b>246</b>		<b>246</b>
Jan.	0 2501.5	Feb.	15 2547.5	Apr.	2 2593.5	May	18 2639.5
	1 2502.5		16 2548.5		3 2594.5		19 2640.5
	2 2503.5		17 2549.5		4 2595.5		20 2641.5
	3 2504.5		18 2550.5		5 2596.5		21 2642.5
	4 2505.5		19 2551.5		6 2597.5		22 2643.5
	5 2506.5		20 2552.5		7 2598.5		23 2644.5
	6 2507.5		21 2553.5		8 2599.5		24 2645.5
	7 2508.5		22 2554.5		9 2600.5		25 2646.5
	8 2509.5		23 2555.5		10 2601.5		26 2647.5
	9 2510.5		24 2556.5		11 2602.5		27 2648.5
	10 2511.5		25 2557.5		12 2603.5		28 2649.5
	11 2512.5		26 2558.5		13 2604.5		29 2650.5
	12 2513.5		27 2559.5		14 2605.5		30 2651.5
	13 2514.5		28 2560.5		15 2606.5		31 2652.5
	14 2515.5	Mar.	1 2561.5		16 2607.5	June	1 2653.5
	15 2516.5		2 2562.5		17 2608.5		2 2654.5
	16 2517.5		3 2563.5		18 2609.5		3 2655.5
	17 2518.5		4 2564.5		19 2610.5		4 2656.5
	18 2519.5		5 2565.5		20 2611.5		5 2657.5
	19 2520.5		6 2566.5		21 2612.5		6 2658.5
	20 2521.5		7 2567.5		22 2613.5		7 2659.5
	21 2522.5		8 2568.5		23 2614.5		8 2660.5
	22 2523.5		9 2569.5		24 2615.5		9 2661.5
	23 2524.5		10 2570.5		25 2616.5		10 2662.5
	24 2525.5		11 2571.5		26 2617.5		11 2663.5
	25 2526.5		12 2572.5		27 2618.5		12 2664.5
	26 2527.5		13 2573.5		28 2619.5		13 2665.5
	27 2528.5		14 2574.5		29 2620.5		14 2666.5
	28 2529.5		15 2575.5		30 2621.5		15 2667.5
	29 2530.5		16 2576.5	May	1 2622.5		16 2668.5
	30 2531.5		17 2577.5		2 2623.5		17 2669.5
	31 2532.5		18 2578.5		3 2624.5		18 2670.5
Feb.	1 2533.5		19 2579.5		4 2625.5		19 2671.5
	2 2534.5		20 2580.5		5 2626.5		20 2672.5
	3 2535.5		21 2581.5		6 2627.5		21 2673.5
	4 2536.5		22 2582.5		7 2628.5		22 2674.5
	5 2537.5		23 2583.5		8 2629.5		23 2675.5
	6 2538.5		24 2584.5		9 2630.5		24 2676.5
	7 2539.5		25 2585.5		10 2631.5		25 2677.5
	8 2540.5		26 2586.5		11 2632.5		26 2678.5
	9 2541.5		27 2587.5		12 2633.5		27 2679.5
	10 2542.5		28 2588.5		13 2634.5		28 2680.5
	11 2543.5		29 2589.5		14 2635.5		29 2681.5
	12 2544.5		30 2590.5		15 2636.5		30 2682.5
	13 2545.5		31 2591.5		16 2637.5	July	1 2683.5
	14 2546.5	Apr.	1 2592.5		17 2638.5		2 2684.5

## JULIAN DAYS, 2030

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>246</b>		<b>246</b>		<b>246</b>		<b>246</b>
July	1 2683.5	Aug.	16 2729.5	Oct.	1 2775.5	Nov.	16 2821.5
	2 2684.5		17 2730.5		2 2776.5		17 2822.5
	3 2685.5		18 2731.5		3 2777.5		18 2823.5
	4 2686.5		19 2732.5		4 2778.5		19 2824.5
	5 2687.5		20 2733.5		5 2779.5		20 2825.5
	6 2688.5		21 2734.5		6 2780.5		21 2826.5
	7 2689.5		22 2735.5		7 2781.5		22 2827.5
	8 2690.5		23 2736.5		8 2782.5		23 2828.5
	9 2691.5		24 2737.5		9 2783.5		24 2829.5
	10 2692.5		25 2738.5		10 2784.5		25 2830.5
	11 2693.5		26 2739.5		11 2785.5		26 2831.5
	12 2694.5		27 2740.5		12 2786.5		27 2832.5
	13 2695.5		28 2741.5		13 2787.5		28 2833.5
	14 2696.5		29 2742.5		14 2788.5		29 2834.5
	15 2697.5		30 2743.5		15 2789.5		30 2835.5
	16 2698.5		31 2744.5		16 2790.5	Dec.	1 2836.5
	17 2699.5	Sept.	1 2745.5		17 2791.5		2 2837.5
	18 2700.5		2 2746.5		18 2792.5		3 2838.5
	19 2701.5		3 2747.5		19 2793.5		4 2839.5
	20 2702.5		4 2748.5		20 2794.5		5 2840.5
	21 2703.5		5 2749.5		21 2795.5		6 2841.5
	22 2704.5		6 2750.5		22 2796.5		7 2842.5
	23 2705.5		7 2751.5		23 2797.5		8 2843.5
	24 2706.5		8 2752.5		24 2798.5		9 2844.5
	25 2707.5		9 2753.5		25 2799.5		10 2845.5
	26 2708.5		10 2754.5		26 2800.5		11 2846.5
	27 2709.5		11 2755.5		27 2801.5		12 2847.5
	28 2710.5		12 2756.5		28 2802.5		13 2848.5
	29 2711.5		13 2757.5		29 2803.5		14 2849.5
	30 2712.5		14 2758.5		30 2804.5		15 2850.5
	31 2713.5		15 2759.5		31 2805.5		16 2851.5
Aug.	1 2714.5		16 2760.5	Nov.	1 2806.5		17 2852.5
	2 2715.5		17 2761.5		2 2807.5		18 2853.5
	3 2716.5		18 2762.5		3 2808.5		19 2854.5
	4 2717.5		19 2763.5		4 2809.5		20 2855.5
	5 2718.5		20 2764.5		5 2810.5		21 2856.5
	6 2719.5		21 2765.5		6 2811.5		22 2857.5
	7 2720.5		22 2766.5		7 2812.5		23 2858.5
	8 2721.5		23 2767.5		8 2813.5		24 2859.5
	9 2722.5		24 2768.5		9 2814.5		25 2860.5
	10 2723.5		25 2769.5		10 2815.5		26 2861.5
	11 2724.5		26 2770.5		11 2816.5		27 2862.5
	12 2725.5		27 2771.5		12 2817.5		28 2863.5
	13 2726.5		28 2772.5		13 2818.5		29 2864.5
	14 2727.5		29 2773.5		14 2819.5		30 2865.5
	15 2728.5		30 2774.5		15 2820.5		31 2866.5

## JULIAN DAYS, 2031

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>246</b>		<b>246</b>		<b>246</b>		<b>246</b>
Jan.	0 <b>2866.5</b>	Feb.	15 <b>2912.5</b>	Apr.	2 <b>2958.5</b>	May	18 <b>3004.5</b>
	1 <b>2867.5</b>		16 <b>2913.5</b>		3 <b>2959.5</b>		19 <b>3005.5</b>
	2 <b>2868.5</b>		17 <b>2914.5</b>		4 <b>2960.5</b>		20 <b>3006.5</b>
	3 <b>2869.5</b>		18 <b>2915.5</b>		5 <b>2961.5</b>		21 <b>3007.5</b>
	4 <b>2870.5</b>		19 <b>2916.5</b>		6 <b>2962.5</b>		22 <b>3008.5</b>
	5 <b>2871.5</b>		20 <b>2917.5</b>		7 <b>2963.5</b>		23 <b>3009.5</b>
	6 <b>2872.5</b>		21 <b>2918.5</b>		8 <b>2964.5</b>		24 <b>3010.5</b>
	7 <b>2873.5</b>		22 <b>2919.5</b>		9 <b>2965.5</b>		25 <b>3011.5</b>
	8 <b>2874.5</b>		23 <b>2920.5</b>		10 <b>2966.5</b>		26 <b>3012.5</b>
	9 <b>2875.5</b>		24 <b>2921.5</b>		11 <b>2967.5</b>		27 <b>3013.5</b>
	10 <b>2876.5</b>		25 <b>2922.5</b>		12 <b>2968.5</b>		28 <b>3014.5</b>
	11 <b>2877.5</b>		26 <b>2923.5</b>		13 <b>2969.5</b>		29 <b>3015.5</b>
	12 <b>2878.5</b>		27 <b>2924.5</b>		14 <b>2970.5</b>		30 <b>3016.5</b>
	13 <b>2879.5</b>		28 <b>2925.5</b>		15 <b>2971.5</b>		31 <b>3017.5</b>
	14 <b>2880.5</b>	Mar.	1 <b>2926.5</b>		16 <b>2972.5</b>	June	1 <b>3018.5</b>
	15 <b>2881.5</b>		2 <b>2927.5</b>		17 <b>2973.5</b>		2 <b>3019.5</b>
	16 <b>2882.5</b>		3 <b>2928.5</b>		18 <b>2974.5</b>		3 <b>3020.5</b>
	17 <b>2883.5</b>		4 <b>2929.5</b>		19 <b>2975.5</b>		4 <b>3021.5</b>
	18 <b>2884.5</b>		5 <b>2930.5</b>		20 <b>2976.5</b>		5 <b>3022.5</b>
	19 <b>2885.5</b>		6 <b>2931.5</b>		21 <b>2977.5</b>		6 <b>3023.5</b>
	20 <b>2886.5</b>		7 <b>2932.5</b>		22 <b>2978.5</b>		7 <b>3024.5</b>
	21 <b>2887.5</b>		8 <b>2933.5</b>		23 <b>2979.5</b>		8 <b>3025.5</b>
	22 <b>2888.5</b>		9 <b>2934.5</b>		24 <b>2980.5</b>		9 <b>3026.5</b>
	23 <b>2889.5</b>		10 <b>2935.5</b>		25 <b>2981.5</b>		10 <b>3027.5</b>
	24 <b>2890.5</b>		11 <b>2936.5</b>		26 <b>2982.5</b>		11 <b>3028.5</b>
	25 <b>2891.5</b>		12 <b>2937.5</b>		27 <b>2983.5</b>		12 <b>3029.5</b>
	26 <b>2892.5</b>		13 <b>2938.5</b>		28 <b>2984.5</b>		13 <b>3030.5</b>
	27 <b>2893.5</b>		14 <b>2939.5</b>		29 <b>2985.5</b>		14 <b>3031.5</b>
	28 <b>2894.5</b>		15 <b>2940.5</b>		30 <b>2986.5</b>		15 <b>3032.5</b>
	29 <b>2895.5</b>		16 <b>2941.5</b>	May	1 <b>2987.5</b>		16 <b>3033.5</b>
	30 <b>2896.5</b>		17 <b>2942.5</b>		2 <b>2988.5</b>		17 <b>3034.5</b>
	31 <b>2897.5</b>		18 <b>2943.5</b>		3 <b>2989.5</b>		18 <b>3035.5</b>
Feb.	1 <b>2898.5</b>		19 <b>2944.5</b>		4 <b>2990.5</b>		19 <b>3036.5</b>
	2 <b>2899.5</b>		20 <b>2945.5</b>		5 <b>2991.5</b>		20 <b>3037.5</b>
	3 <b>2900.5</b>		21 <b>2946.5</b>		6 <b>2992.5</b>		21 <b>3038.5</b>
	4 <b>2901.5</b>		22 <b>2947.5</b>		7 <b>2993.5</b>		22 <b>3039.5</b>
	5 <b>2902.5</b>		23 <b>2948.5</b>		8 <b>2994.5</b>		23 <b>3040.5</b>
	6 <b>2903.5</b>		24 <b>2949.5</b>		9 <b>2995.5</b>		24 <b>3041.5</b>
	7 <b>2904.5</b>		25 <b>2950.5</b>		10 <b>2996.5</b>		25 <b>3042.5</b>
	8 <b>2905.5</b>		26 <b>2951.5</b>		11 <b>2997.5</b>		26 <b>3043.5</b>
	9 <b>2906.5</b>		27 <b>2952.5</b>		12 <b>2998.5</b>		27 <b>3044.5</b>
	10 <b>2907.5</b>		28 <b>2953.5</b>		13 <b>2999.5</b>		28 <b>3045.5</b>
	11 <b>2908.5</b>		29 <b>2954.5</b>		14 <b>3000.5</b>		29 <b>3046.5</b>
	12 <b>2909.5</b>		30 <b>2955.5</b>		15 <b>3001.5</b>		30 <b>3047.5</b>
	13 <b>2910.5</b>		31 <b>2956.5</b>		16 <b>3002.5</b>	July	1 <b>3048.5</b>
	14 <b>2911.5</b>	Apr.	1 <b>2957.5</b>		17 <b>3003.5</b>		2 <b>3049.5</b>



## JULIAN DAYS, 2031

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>246</b>		<b>246</b>		<b>246</b>		<b>246</b>
July	1 3048.5	Aug.	16 3094.5	Oct.	1 3140.5	Nov.	16 3186.5
	2 3049.5		17 3095.5		2 3141.5		17 3187.5
	3 3050.5		18 3096.5		3 3142.5		18 3188.5
	4 3051.5		19 3097.5		4 3143.5		19 3189.5
	5 3052.5		20 3098.5		5 3144.5		20 3190.5
	6 3053.5		21 3099.5		6 3145.5		21 3191.5
	7 3054.5		22 3100.5		7 3146.5		22 3192.5
	8 3055.5		23 3101.5		8 3147.5		23 3193.5
	9 3056.5		24 3102.5		9 3148.5		24 3194.5
	10 3057.5		25 3103.5		10 3149.5		25 3195.5
	11 3058.5		26 3104.5		11 3150.5		26 3196.5
	12 3059.5		27 3105.5		12 3151.5		27 3197.5
	13 3060.5		28 3106.5		13 3152.5		28 3198.5
	14 3061.5		29 3107.5		14 3153.5		29 3199.5
	15 3062.5		30 3108.5		15 3154.5		30 3200.5
	16 3063.5		31 3109.5		16 3155.5	Dec.	1 3201.5
	17 3064.5	Sept.	1 3110.5		17 3156.5		2 3202.5
	18 3065.5		2 3111.5		18 3157.5		3 3203.5
	19 3066.5		3 3112.5		19 3158.5		4 3204.5
	20 3067.5		4 3113.5		20 3159.5		5 3205.5
	21 3068.5		5 3114.5		21 3160.5		6 3206.5
	22 3069.5		6 3115.5		22 3161.5		7 3207.5
	23 3070.5		7 3116.5		23 3162.5		8 3208.5
	24 3071.5		8 3117.5		24 3163.5		9 3209.5
	25 3072.5		9 3118.5		25 3164.5		10 3210.5
	26 3073.5		10 3119.5		26 3165.5		11 3211.5
	27 3074.5		11 3120.5		27 3166.5		12 3212.5
	28 3075.5		12 3121.5		28 3167.5		13 3213.5
	29 3076.5		13 3122.5		29 3168.5		14 3214.5
	30 3077.5		14 3123.5		30 3169.5		15 3215.5
	31 3078.5		15 3124.5		31 3170.5		16 3216.5
Aug.	1 3079.5		16 3125.5	Nov.	1 3171.5		17 3217.5
	2 3080.5		17 3126.5		2 3172.5		18 3218.5
	3 3081.5		18 3127.5		3 3173.5		19 3219.5
	4 3082.5		19 3128.5		4 3174.5		20 3220.5
	5 3083.5		20 3129.5		5 3175.5		21 3221.5
	6 3084.5		21 3130.5		6 3176.5		22 3222.5
	7 3085.5		22 3131.5		7 3177.5		23 3223.5
	8 3086.5		23 3132.5		8 3178.5		24 3224.5
	9 3087.5		24 3133.5		9 3179.5		25 3225.5
	10 3088.5		25 3134.5		10 3180.5		26 3226.5
	11 3089.5		26 3135.5		11 3181.5		27 3227.5
	12 3090.5		27 3136.5		12 3182.5		28 3228.5
	13 3091.5		28 3137.5		13 3183.5		29 3229.5
	14 3092.5		29 3138.5		14 3184.5		30 3230.5
	15 3093.5		30 3139.5		15 3185.5		31 3231.5

## JULIAN DAYS, 2032

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>246</b>		<b>246</b>		<b>246</b>		<b>246</b>
Jan.	0 3231.5	Feb.	15 3277.5	Apr.	1 3323.5	May	17 3369.5
	1 3232.5		16 3278.5		2 3324.5		18 3370.5
	2 3233.5		17 3279.5		3 3325.5		10 3371.5
	3 3234.5		18 3280.5		4 3326.5		20 3372.5
	4 3235.5		19 3281.5		5 3327.5		21 3373.5
	5 3236.5		20 3282.5		6 3328.5		22 3374.5
	6 3237.5		21 3283.5		7 3329.5		23 3375.5
	7 3238.5		22 3284.5		8 3330.5		24 3376.5
	8 3239.5		23 3285.5		9 3331.5		25 3377.5
	9 3240.5		24 3286.5		10 3332.5		26 3378.5
	10 3241.5		25 3287.5		11 3333.5		27 3379.5
	11 3242.5		26 3288.5		12 3334.5		28 3380.5
	12 3243.5		27 3289.5		13 3335.5		29 3381.5
	13 3244.5		28 3290.5		14 3336.5		30 3382.5
	14 3245.5		29 3291.5		15 3337.5		31 3383.5
	15 3246.5	Mar.	1 3292.5		16 3338.5	June	1 3384.5
	16 3247.5		2 3293.5		17 3339.5		2 3385.5
	17 3248.5		3 3294.5		18 3340.5		3 3386.5
	18 3249.5		4 3295.5		19 3341.5		4 3387.5
	19 3250.5		5 3296.5		20 3342.5		5 3388.5
	20 3251.5		6 3297.5		21 3343.5		6 3389.5
	21 3252.5		7 3298.5		22 3344.5		7 3390.5
	22 3253.5		8 3299.5		23 3345.5		8 3391.5
	23 3254.5		9 3300.5		24 3346.5		9 3392.5
	24 3255.5		10 3301.5		25 3347.5		10 3393.5
	25 3256.5		11 3302.5		26 3348.5		11 3394.5
	26 3257.5		12 3303.5		27 3349.5		12 3395.5
	27 3258.5		13 3304.5		28 3350.5		13 3396.5
	28 3259.5		14 3305.5		29 3351.5		14 3397.5
	29 3260.5		15 3306.5		30 3352.5		15 3398.5
	30 3261.5		16 3307.5	May	1 3353.5		16 3399.5
	31 3262.5		17 3308.5		2 3354.5		17 3400.5
Feb.	1 3263.5		18 3309.5		3 3355.5		18 3401.5
	2 3264.5		19 3310.5		4 3356.5		19 3402.5
	3 3265.5		20 3311.5		5 3357.5		20 3403.5
	4 3266.5		21 3312.5		6 3358.5		21 3404.5
	5 3267.5		22 3313.5		7 3359.5		22 3405.5
	6 3268.5		23 3314.5		8 3360.5		23 3406.5
	7 3269.5		24 3315.5		9 3361.5		24 3407.5
	8 3270.5		25 3316.5		10 3362.5		25 3408.5
	9 3271.5		26 3317.5		11 3363.5		26 3409.5
	10 3272.5		27 3318.5		12 3364.5		27 3410.5
	11 3273.5		28 3319.5		13 3365.5		28 3411.5
	12 3274.5		29 3320.5		14 3366.5		29 3412.5
	13 3275.5		30 3321.5		15 3367.5		30 3413.5
	14 3276.5		31 3322.5		16 3368.5	July	1 3414.5

## JULIAN DAYS, 2032

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>246</b>		<b>246</b>		<b>246</b>		<b>246</b>
July	1 3414.5	Aug.	16 3460.5	Oct.	1 3506.5	Nov.	16 3552.5
	2 3415.5		17 3461.5		2 3507.5		17 3553.5
	3 3416.5		18 3462.5		3 3508.5		18 3554.5
	4 3417.5		19 3463.5		4 3509.5		19 3555.5
	5 3418.5		20 3464.5		5 3510.5		20 3556.5
	6 3419.5		21 3465.5		6 3511.5		21 3557.5
	7 3420.5		22 3466.5		7 3512.5		22 3558.5
	8 3421.5		23 3467.5		8 3513.5		23 3559.5
	9 3422.5		24 3468.5		9 3514.5		24 3560.5
	10 3423.5		25 3469.5		10 3515.5		25 3561.5
	11 3424.5		26 3470.5		11 3516.5		26 3562.5
	12 3425.5		27 3471.5		12 3517.5		27 3563.5
	13 3426.5		28 3472.5		13 3518.5		28 3564.5
	14 3427.5		29 3473.5		14 3519.5		29 3565.5
	15 3428.5		30 3474.5		15 3520.5		30 3566.5
	16 3429.5		31 3475.5		16 3521.5	Dec.	1 3567.5
	17 3430.5	Sept.	1 3476.5		17 3522.5		2 3568.5
	18 3431.5		2 3477.5		18 3523.5		3 3569.5
	19 3432.5		3 3478.5		19 3524.5		4 3570.5
	20 3433.5		4 3479.5		20 3525.5		5 3571.5
	21 3434.5		5 3480.5		21 3526.5		6 3572.5
	22 3435.5		6 3481.5		22 3527.5		7 3573.5
	23 3436.5		7 3482.5		23 3528.5		8 3574.5
	24 3437.5		8 3483.5		24 3529.5		9 3575.5
	25 3438.5		9 3484.5		25 3530.5		10 3576.5
	26 3439.5		10 3485.5		26 3531.5		11 3577.5
	27 3440.5		11 3486.5		27 3532.5		12 3578.5
	28 3441.5		12 3487.5		28 3533.5		13 3579.5
	29 3442.5		13 3488.5		29 3534.5		14 3580.5
	30 3443.5		14 3489.5		30 3535.5		15 3581.5
	31 3444.5		15 3490.5		31 3536.5		16 3582.5
Aug.	1 3445.5		16 3491.5	Nov.	1 3537.5		17 3583.5
	2 3446.5		17 3492.5		2 3538.5		18 3584.5
	3 3447.5		18 3493.5		3 3539.5		19 3585.5
	4 3448.5		19 3494.5		4 3540.5		20 3586.5
	5 3449.5		20 3495.5		5 3541.5		21 3587.5
	6 3450.5		21 3496.5		6 3542.5		22 3588.5
	7 3451.5		22 3497.5		7 3543.5		23 3589.5
	8 3452.5		23 3498.5		8 3544.5		24 3590.5
	9 3453.5		24 3499.5		9 3545.5		25 3591.5
	10 3454.5		25 3500.5		10 3546.5		26 3592.5
	11 3455.5		26 3501.5		11 3547.5		27 3593.5
	12 3456.5		27 3502.5		12 3548.5		28 3594.5
	13 3457.5		28 3503.5		13 3549.5		29 3595.5
	14 3458.5		29 3504.5		14 3550.5		30 3596.5
	15 3459.5		30 3505.5		15 3551.5		31 3597.5

## JULIAN DAYS, 2033

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>246</b>		<b>246</b>		<b>246</b>		<b>246</b>
Jan.	0 3597.5	Feb.	15 3643.5	Apr.	2 3689.5	May	18 3735.5
	1 3598.5		16 3644.5		3 3690.5		19 3736.5
	2 3599.5		17 3645.5		4 3691.5		20 3737.5
	3 3600.5		18 3646.5		5 3692.5		21 3738.5
	4 3601.5		19 3647.5		6 3693.5		22 3739.5
	5 3602.5		20 3648.5		7 3694.5		23 3740.5
	6 3603.5		21 3649.5		8 3695.5		24 3741.5
	7 3604.5		22 3650.5		9 3696.5		25 3742.5
	8 3605.5		23 3651.5		10 3697.5		26 3743.5
	9 3606.5		24 3652.5		11 3698.5		27 3744.5
	10 3607.5		25 3653.5		12 3699.5		28 3745.5
	11 3608.5		26 3654.5		13 3700.5		29 3746.5
	12 3609.5		27 3655.5		14 3701.5		30 3747.5
	13 3610.5		28 3656.5		15 3702.5		31 3748.5
	14 3611.5	Mar.	1 3657.5		16 3703.5	June	1 3749.5
	15 3612.5		2 3658.5		17 3704.5		2 3750.5
	16 3613.5		3 3659.5		18 3705.5		3 3751.5
	17 3614.5		4 3660.5		19 3706.5		4 3752.5
	18 3615.5		5 3661.5		20 3707.5		5 3753.5
	19 3616.5		6 3662.5		21 3708.5		6 3754.5
	20 3617.5		7 3663.5		22 3709.5		7 3755.5
	21 3618.5		8 3664.5		23 3710.5		8 3756.5
	22 3619.5		9 3665.5		24 3711.5		9 3757.5
	23 3620.5		10 3666.5		25 3712.5		10 3758.5
	24 3621.5		11 3667.5		26 3713.5		11 3759.5
	25 3622.5		12 3668.5		27 3714.5		12 3760.5
	26 3623.5		13 3669.5		28 3715.5		13 3761.5
	27 3624.5		14 3670.5		29 3716.5		14 3762.5
	28 3625.5		15 3671.5		30 3717.5		15 3763.5
	29 3626.5		16 3672.5	May	1 3718.5		16 3764.5
	30 3627.5		17 3673.5		2 3719.5		17 3765.5
	31 3628.5		18 3674.5		3 3720.5		18 3766.5
Feb.	1 3629.5		19 3675.5		4 3721.5		19 3767.5
	2 3630.5		20 3676.5		5 3722.5		20 3768.5
	3 3631.5		21 3677.5		6 3723.5		21 3769.5
	4 3632.5		22 3678.5		7 3724.5		22 3770.5
	5 3633.5		23 3679.5		8 3725.5		23 3771.5
	6 3634.5		24 3680.5		9 3726.5		24 3772.5
	7 3635.5		25 3681.5		10 3727.5		25 3773.5
	8 3636.5		26 3682.5		11 3728.5		26 3774.5
	9 3637.5		27 3683.5		12 3729.5		27 3775.5
	10 3638.5		28 3684.5		13 3730.5		28 3776.5
	11 3639.5		29 3685.5		14 3731.5		29 3777.5
	12 3640.5		30 3686.5		15 3732.5		30 3778.5
	13 3641.5		31 3687.5		16 3733.5	July	1 3779.5
	14 3642.5	Apr.	1 3688.5		17 3734.5		2 3780.5

## JULIAN DAYS, 2033

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>246</b>		<b>246</b>		<b>246</b>		<b>246</b>
July	1 3779.5	Aug.	16 3825.5	Oct.	1 3871.5	Nov.	16 3917.5
	2 3780.5		17 3826.5		2 3872.5		17 3918.5
	3 3781.5		18 3827.5		3 3873.5		18 3919.5
	4 3782.5		19 3828.5		4 3874.5		19 3920.5
	5 3783.5		20 3829.5		5 3875.5		20 3921.5
	6 3784.5		21 3830.5		6 3876.5		21 3922.5
	7 3785.5		22 3831.5		7 3877.5		22 3923.5
	8 3786.5		23 3832.5		8 3878.5		23 3924.5
	9 3787.5		24 3833.5		9 3879.5		24 3925.5
	10 3788.5		25 3834.5		10 3880.5		25 3926.5
	11 3789.5		26 3835.5		11 3881.5		26 3927.5
	12 3790.5		27 3836.5		12 3882.5		27 3928.5
	13 3791.5		28 3837.5		13 3883.5		28 3929.5
	14 3792.5		29 3838.5		14 3884.5		29 3930.5
	15 3793.5		30 3839.5		15 3885.5		30 3931.5
	16 3794.5		31 3840.5		16 3886.5	Dec.	1 3932.5
	17 3795.5	Sept.	1 3841.5		17 3887.5		2 3933.5
	18 3796.5		2 3842.5		18 3888.5		3 3934.5
	19 3797.5		3 3843.5		19 3889.5		4 3935.5
	20 3798.5		4 3844.5		20 3890.5		5 3936.5
	21 3799.5		5 3845.5		21 3891.5		6 3937.5
	22 3800.5		6 3846.5		22 3892.5		7 3938.5
	23 3801.5		7 3847.5		23 3893.5		8 3939.5
	24 3802.5		8 3848.5		24 3894.5		9 3940.5
	25 3803.5		9 3849.5		25 3895.5		10 3941.5
	26 3804.5		10 3850.5		26 3896.5		11 3942.5
	27 3805.5		11 3851.5		27 3897.5		12 3943.5
	28 3806.5		12 3852.5		28 3898.5		13 3944.5
	29 3807.5		13 3853.5		29 3899.5		14 3945.5
	30 3808.5		14 3854.5		30 3900.5		15 3946.5
	31 3809.5		15 3855.5		31 3901.5		16 3947.5
Aug.	1 3810.5		16 3856.5	Nov.	1 3902.5		17 3948.5
	2 3811.5		17 3857.5		2 3903.5		18 3949.5
	3 3812.5		18 3858.5		3 3904.5		19 3950.5
	4 3813.5		19 3859.5		4 3905.5		20 3951.5
	5 3814.5		20 3860.5		5 3906.5		21 3952.5
	6 3815.5		21 3861.5		6 3907.5		22 3953.5
	7 3816.5		22 3862.5		7 3908.5		23 3954.5
	8 3817.5		23 3863.5		8 3909.5		24 3955.5
	9 3818.5		24 3864.5		9 3910.5		25 3956.5
	10 3819.5		25 3865.5		10 3911.5		26 3957.5
	11 3820.5		26 3866.5		11 3912.5		27 3958.5
	12 3821.5		27 3867.5		12 3913.5		28 3959.5
	13 3822.5		28 3868.5		13 3914.5		29 3960.5
	14 3823.5		29 3869.5		14 3915.5		30 3961.5
	15 3824.5		30 3870.5		15 3916.5		31 3962.5

## JULIAN DAYS, 2034

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>246</b>		<b>246</b>		<b>246</b>		<b>246</b>
Jan.	0 3962.5	Feb.	15 4008.5	Apr.	2 4054.5	May	18 4100.5
	1 3963.5		16 4009.5		3 4055.5		19 4101.5
	2 3964.5		17 4010.5		4 4056.5		20 4102.5
	3 3965.5		18 4011.5		5 4057.5		21 4103.5
	4 3966.5		19 4012.5		6 4058.5		22 4104.5
	5 3967.5		20 4013.5		7 4059.5		23 4105.5
	6 3968.5		21 4014.5		8 4060.5		24 4106.5
	7 3969.5		22 4015.5		9 4061.5		25 4107.5
	8 3970.5		23 4016.5		10 4062.5		26 4108.5
	9 3971.5		24 4017.5		11 4063.5		27 4109.5
	10 3972.5		25 4018.5		12 4064.5		28 4110.5
	11 3973.5		26 4019.5		13 4065.5		29 4111.5
	12 3974.5		27 4020.5		14 4066.5		30 4112.5
	13 3975.5		28 4021.5		15 4067.5		31 4113.5
	14 3976.5	Mar.	1 4022.5		16 4068.5	June	1 4114.5
	15 3977.5		2 4023.5		17 4069.5		2 4115.5
	16 3978.5		3 4024.5		18 4070.5		3 4116.5
	17 3979.5		4 4025.5		19 4071.5		4 4117.5
	18 3980.5		5 4026.5		20 4072.5		5 4118.5
	19 3981.5		6 4027.5		21 4073.5		6 4119.5
	20 3982.5		7 4028.5		22 4074.5		7 4120.5
	21 3983.5		8 4029.5		23 4075.5		8 4121.5
	22 3984.5		9 4030.5		24 4076.5		9 4122.5
	23 3985.5		10 4031.5		25 4077.5		10 4123.5
	24 3986.5		11 4032.5		26 4078.5		11 4124.5
	25 3987.5		12 4033.5		27 4079.5		12 4125.5
	26 3988.5		13 4034.5		28 4080.5		13 4126.5
	27 3989.5		14 4035.5		29 4081.5		14 4127.5
	28 3990.5		15 4036.5		30 4082.5		15 4128.5
	29 3991.5		16 4037.5	May	1 4083.5		16 4129.5
	30 3992.5		17 4038.5		2 4084.5		17 4130.5
	31 3993.5		18 4039.5		3 4085.5		18 4131.5
Feb.	1 3994.5		19 4040.5		4 4086.5		19 4132.5
	2 3995.5		20 4041.5		5 4087.5		20 4133.5
	3 3996.5		21 4042.5		6 4088.5		21 4134.5
	4 3997.5		22 4043.5		7 4089.5		22 4135.5
	5 3998.5		23 4044.5		8 4090.5		23 4136.5
	6 3999.5		24 4045.5		9 4091.5		24 4137.5
	7 4000.5		25 4046.5		10 4092.5		25 4138.5
	8 4001.5		26 4047.5		11 4093.5		26 4139.5
	9 4002.5		27 4048.5		12 4094.5		27 4140.5
	10 4003.5		28 4049.5		13 4095.5		28 4141.5
	11 4004.5		29 4050.5		14 4096.5		29 4142.5
	12 4005.5		30 4051.5		15 4097.5		30 4143.5
	13 4006.5		31 4052.5		16 4098.5	July	1 4144.5
	14 4007.5	Apr.	1 4053.5		17 4099.5		2 4145.5

## JULIAN DAYS, 2034

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>246</b>		<b>246</b>		<b>246</b>		<b>246</b>
July	1 4144.5	Aug.	16 4190.5	Oct.	1 4236.5	Nov.	16 4282.5
	2 4145.5		17 4191.5		2 4237.5		17 4283.5
	3 4146.5		18 4192.5		3 4238.5		18 4284.5
	4 4147.5		19 4193.5		4 4239.5		19 4285.5
	5 4148.5		20 4194.5		5 4240.5		20 4286.5
	6 4149.5		21 4195.5		6 4241.5		21 4287.5
	7 4150.5		22 4196.5		7 4242.5		22 4288.5
	8 4151.5		23 4197.5		8 4243.5		23 4289.5
	9 4152.5		24 4198.5		9 4244.5		24 4290.5
	10 4153.5		25 4199.5		10 4245.5		25 4291.5
	11 4154.5		26 4200.5		11 4246.5		26 4292.5
	12 4155.5		27 4201.5		12 4247.5		27 4293.5
	13 4156.5		28 4202.5		13 4248.5		28 4294.5
	14 4157.5		29 4203.5		14 4249.5		29 4295.5
	15 4158.5		30 4204.5		15 4250.5		30 4296.5
	16 4159.5		31 4205.5		16 4251.5	Dec.	1 4297.5
	17 4160.5	Sept.	1 4206.5		17 4252.5		2 4298.5
	18 4161.5		2 4207.5		18 4253.5		3 4299.5
	19 4162.5		3 4208.5		19 4254.5		4 4300.5
	20 4163.5		4 4209.5		20 4255.5		5 4301.5
	21 4164.5		5 4210.5		21 4256.5		6 4302.5
	22 4165.5		6 4211.5		22 4257.5		7 4303.5
	23 4166.5		7 4212.5		23 4258.5		8 4304.5
	24 4167.5		8 4213.5		24 4259.5		9 4305.5
	25 4168.5		9 4214.5		25 4260.5		10 4306.5
	26 4169.5		10 4215.5		26 4261.5		11 4307.5
	27 4170.5		11 4216.5		27 4262.5		12 4308.5
	28 4171.5		12 4217.5		28 4263.5		13 4309.5
	29 4172.5		13 4218.5		29 4264.5		14 4310.5
	30 4173.5		14 4219.5		30 4265.5		15 4311.5
	31 4174.5		15 4220.5		31 4266.5		16 4312.5
Aug.	1 4175.5		16 4221.5	Nov.	1 4267.5		17 4313.5
	2 4176.5		17 4222.5		2 4268.5		18 4314.5
	3 4177.5		18 4223.5		3 4269.5		19 4315.5
	4 4178.5		19 4224.5		4 4270.5		20 4316.5
	5 4179.5		20 4225.5		5 4271.5		21 4317.5
	6 4180.5		21 4226.5		6 4272.5		22 4318.5
	7 4181.5		22 4227.5		7 4273.5		23 4319.5
	8 4182.5		23 4228.5		8 4274.5		24 4320.5
	9 4183.5		24 4229.5		9 4275.5		25 4321.5
	10 4184.5		25 4230.5		10 4276.5		26 4322.5
	11 4185.5		26 4231.5		11 4277.5		27 4323.5
	12 4186.5		27 4232.5		12 4278.5		28 4324.5
	13 4187.5		28 4233.5		13 4279.5		29 4325.5
	14 4188.5		29 4234.5		14 4280.5		30 4326.5
	15 4189.5		30 4235.5		15 4281.5		31 4327.5

## JULIAN DAYS, 2035

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>246</b>		<b>246</b>		<b>246</b>		<b>246</b>
Jan.	0 4327.5	Feb.	15 4373.5	Apr.	2 4419.5	May	18 4465.5
	1 4328.5		16 4374.5		3 4420.5		19 4466.5
	2 4329.5		17 4375.5		4 4421.5		20 4467.5
	3 4330.5		18 4376.5		5 4422.5		21 4468.5
	4 4331.5		19 4377.5		6 4423.5		22 4469.5
	5 4332.5		20 4378.5		7 4424.5		23 4470.5
	6 4333.5		21 4379.5		8 4425.5		24 4471.5
	7 4334.5		22 4380.5		9 4426.5		25 4472.5
	8 4335.5		23 4381.5		10 4427.5		26 4473.5
	9 4336.5		24 4382.5		11 4428.5		27 4474.5
	10 4337.5		25 4383.5		12 4429.5		28 4475.5
	11 4338.5		26 4384.5		13 4430.5		29 4476.5
	12 4339.5		27 4385.5		14 4431.5		30 4477.5
	13 4340.5		28 4386.5		15 4432.5		31 4478.5
	14 4341.5	Mar.	1 4387.5		16 4433.5	June	1 4479.5
	15 4342.5		2 4388.5		17 4434.5		2 4480.5
	16 4343.5		3 4389.5		18 4435.5		3 4481.5
	17 4344.5		4 4390.5		19 4436.5		4 4482.5
	18 4345.5		5 4391.5		20 4437.5		5 4483.5
	19 4346.5		6 4392.5		21 4438.5		6 4484.5
	20 4347.5		7 4393.5		22 4439.5		7 4485.5
	21 4348.5		8 4394.5		23 4440.5		8 4486.5
	22 4349.5		9 4395.5		24 4441.5		9 4487.5
	23 4350.5		10 4396.5		25 4442.5		10 4488.5
	24 4351.5		11 4397.5		26 4443.5		11 4489.5
	25 4352.5		12 4398.5		27 4444.5		12 4490.5
	26 4353.5		13 4399.5		28 4445.5		13 4491.5
	27 4354.5		14 4400.5		29 4446.5		14 4492.5
	28 4355.5		15 4401.5		30 4447.5		15 4493.5
	29 4356.5		16 4402.5	May	1 4448.5		16 4494.5
	30 4357.5		17 4403.5		2 4449.5		17 4495.5
	31 4358.5		18 4404.5		3 4450.5		18 4496.5
Feb.	1 4359.5		19 4405.5		4 4451.5		19 4497.5
	2 4360.5		20 4406.5		5 4452.5		20 4498.5
	3 4361.5		21 4407.5		6 4453.5		21 4499.5
	4 4362.5		22 4408.5		7 4454.5		22 4500.5
	5 4363.5		23 4409.5		8 4455.5		23 4501.5
	6 4364.5		24 4410.5		9 4456.5		24 4502.5
	7 4365.5		25 4411.5		10 4457.5		25 4503.5
	8 4366.5		26 4412.5		11 4458.5		26 4504.5
	9 4367.5		27 4413.5		12 4459.5		27 4505.5
	10 4368.5		28 4414.5		13 4460.5		28 4506.5
	11 4369.5		29 4415.5		14 4461.5		29 4507.5
	12 4370.5		30 4416.5		15 4462.5		30 4508.5
	13 4371.5		31 4417.5		16 4463.5	July	1 4509.5
	14 4372.5	Apr.	1 4418.5		17 4464.5		2 4510.5



## JULIAN DAYS, 2035

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>246</b>		<b>246</b>		<b>246</b>		<b>246</b>
July	1 <b>4509.5</b>	Aug.	16 <b>4555.5</b>	Oct.	1 <b>4601.5</b>	Nov.	16 <b>4647.5</b>
	2 <b>4510.5</b>		17 <b>4556.5</b>		2 <b>4602.5</b>		17 <b>4648.5</b>
	3 <b>4511.5</b>		18 <b>4557.5</b>		3 <b>4603.5</b>		18 <b>4649.5</b>
	4 <b>4512.5</b>		19 <b>4558.5</b>		4 <b>4604.5</b>		19 <b>4650.5</b>
	5 <b>4513.5</b>		20 <b>4559.5</b>		5 <b>4605.5</b>		20 <b>4651.5</b>
	6 <b>4514.5</b>		21 <b>4560.5</b>		6 <b>4606.5</b>		21 <b>4652.5</b>
	7 <b>4515.5</b>		22 <b>4561.5</b>		7 <b>4607.5</b>		22 <b>4653.5</b>
	8 <b>4516.5</b>		23 <b>4562.5</b>		8 <b>4608.5</b>		23 <b>4654.5</b>
	9 <b>4517.5</b>		24 <b>4563.5</b>		9 <b>4609.5</b>		24 <b>4655.5</b>
	10 <b>4518.5</b>		25 <b>4564.5</b>		10 <b>4610.5</b>		25 <b>4656.5</b>
	11 <b>4519.5</b>		26 <b>4565.5</b>		11 <b>4611.5</b>		26 <b>4657.5</b>
	12 <b>4520.5</b>		27 <b>4566.5</b>		12 <b>4612.5</b>		27 <b>4658.5</b>
	13 <b>4521.5</b>		28 <b>4567.5</b>		13 <b>4613.5</b>		28 <b>4659.5</b>
	14 <b>4522.5</b>		29 <b>4568.5</b>		14 <b>4614.5</b>		29 <b>4660.5</b>
	15 <b>4523.5</b>		30 <b>4569.5</b>		15 <b>4615.5</b>		30 <b>4661.5</b>
	16 <b>4524.5</b>		31 <b>4570.5</b>		16 <b>4616.5</b>	Dec.	1 <b>4662.5</b>
	17 <b>4525.5</b>	Sept.	1 <b>4571.5</b>		17 <b>4617.5</b>		2 <b>4663.5</b>
	18 <b>4526.5</b>		2 <b>4572.5</b>		18 <b>4618.5</b>		3 <b>4664.5</b>
	19 <b>4527.5</b>		3 <b>4573.5</b>		19 <b>4619.5</b>		4 <b>4665.5</b>
	20 <b>4528.5</b>		4 <b>4574.5</b>		20 <b>4620.5</b>		5 <b>4666.5</b>
	21 <b>4529.5</b>		5 <b>4575.5</b>		21 <b>4621.5</b>		6 <b>4667.5</b>
	22 <b>4530.5</b>		6 <b>4576.5</b>		22 <b>4622.5</b>		7 <b>4668.5</b>
	23 <b>4531.5</b>		7 <b>4577.5</b>		23 <b>4623.5</b>		8 <b>4669.5</b>
	24 <b>4532.5</b>		8 <b>4578.5</b>		24 <b>4624.5</b>		9 <b>4670.5</b>
	25 <b>4533.5</b>		9 <b>4579.5</b>		25 <b>4625.5</b>		10 <b>4671.5</b>
	26 <b>4534.5</b>		10 <b>4580.5</b>		26 <b>4626.5</b>		11 <b>4672.5</b>
	27 <b>4535.5</b>		11 <b>4581.5</b>		27 <b>4627.5</b>		12 <b>4673.5</b>
	28 <b>4536.5</b>		12 <b>4582.5</b>		28 <b>4628.5</b>		13 <b>4674.5</b>
	29 <b>4537.5</b>		13 <b>4583.5</b>		29 <b>4629.5</b>		14 <b>4675.5</b>
	30 <b>4538.5</b>		14 <b>4584.5</b>		30 <b>4630.5</b>		15 <b>4676.5</b>
	31 <b>4539.5</b>		15 <b>4585.5</b>		31 <b>4631.5</b>		16 <b>4677.5</b>
Aug.	1 <b>4540.5</b>		16 <b>4586.5</b>	Nov.	1 <b>4632.5</b>		17 <b>4678.5</b>
	2 <b>4541.5</b>		17 <b>4587.5</b>		2 <b>4633.5</b>		18 <b>4679.5</b>
	3 <b>4542.5</b>		18 <b>4588.5</b>		3 <b>4634.5</b>		19 <b>4680.5</b>
	4 <b>4543.5</b>		19 <b>4589.5</b>		4 <b>4635.5</b>		20 <b>4681.5</b>
	5 <b>4544.5</b>		20 <b>4590.5</b>		5 <b>4636.5</b>		21 <b>4682.5</b>
	6 <b>4545.5</b>		21 <b>4591.5</b>		6 <b>4637.5</b>		22 <b>4683.5</b>
	7 <b>4546.5</b>		22 <b>4592.5</b>		7 <b>4638.5</b>		23 <b>4684.5</b>
	8 <b>4547.5</b>		23 <b>4593.5</b>		8 <b>4639.5</b>		24 <b>4685.5</b>
	9 <b>4548.5</b>		24 <b>4594.5</b>		9 <b>4640.5</b>		25 <b>4686.5</b>
	10 <b>4549.5</b>		25 <b>4595.5</b>		10 <b>4641.5</b>		26 <b>4687.5</b>
	11 <b>4550.5</b>		26 <b>4596.5</b>		11 <b>4642.5</b>		27 <b>4688.5</b>
	12 <b>4551.5</b>		27 <b>4597.5</b>		12 <b>4643.5</b>		28 <b>4689.5</b>
	13 <b>4552.5</b>		28 <b>4598.5</b>		13 <b>4644.5</b>		29 <b>4690.5</b>
	14 <b>4553.5</b>		29 <b>4599.5</b>		14 <b>4645.5</b>		30 <b>4691.5</b>
	15 <b>4554.5</b>		30 <b>4600.5</b>		15 <b>4646.5</b>		31 <b>4692.5</b>

## JULIAN DAYS, 2036

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>246</b>		<b>246</b>		<b>246</b>		<b>246</b>
Jan.	0 4692.5	Feb.	15 4738.5	Apr.	1 4784.5	May	17 4830.5
	1 4693.5		16 4739.5		2 4785.5		18 4831.5
	2 4694.5		17 4740.5		3 4786.5		10 4832.5
	3 4695.5		18 4741.5		4 4787.5		20 4833.5
	4 4696.5		19 4742.5		5 4788.5		21 4834.5
	5 4697.5		20 4743.5		6 4789.5		22 4835.5
	6 4698.5		21 4744.5		7 4790.5		23 4836.5
	7 4699.5		22 4745.5		8 4791.5		24 4837.5
	8 4700.5		23 4746.5		9 4792.5		25 4838.5
	9 4701.5		24 4747.5		10 4793.5		26 4839.5
	10 4702.5		25 4748.5		11 4794.5		27 4840.5
	11 4703.5		26 4749.5		12 4795.5		28 4841.5
	12 4704.5		27 4750.5		13 4796.5		29 4842.5
	13 4705.5		28 4751.5		14 4797.5		30 4843.5
	14 4706.5		29 4752.5		15 4798.5		31 4844.5
	15 4707.5	Mar.	1 4753.5		16 4799.5	June	1 4845.5
	16 4708.5		2 4754.5		17 4800.5		2 4846.5
	17 4709.5		3 4755.5		18 4801.5		3 4847.5
	18 4710.5		4 4756.5		19 4802.5		4 4848.5
	19 4711.5		5 4757.5		20 4803.5		5 4849.5
	20 4712.5		6 4758.5		21 4804.5		6 4850.5
	21 4713.5		7 4759.5		22 4805.5		7 4851.5
	22 4714.5		8 4760.5		23 4806.5		8 4852.5
	23 4715.5		9 4761.5		24 4807.5		9 4853.5
	24 4716.5		10 4762.5		25 4808.5		10 4854.5
	25 4717.5		11 4763.5		26 4809.5		11 4855.5
	26 4718.5		12 4764.5		27 4810.5		12 4856.5
	27 4719.5		13 4765.5		28 4811.5		13 4857.5
	28 4720.5		14 4766.5		29 4812.5		14 4858.5
	29 4721.5		15 4767.5		30 4813.5		15 4859.5
	30 4722.5		16 4768.5	May	1 4814.5		16 4860.5
	31 4723.5		17 4769.5		2 4815.5		17 4861.5
Feb.	1 4724.5		18 4770.5		3 4816.5		18 4862.5
	2 4725.5		19 4771.5		4 4817.5		19 4863.5
	3 4726.5		20 4772.5		5 4818.5		20 4864.5
	4 4727.5		21 4773.5		6 4819.5		21 4865.5
	5 4728.5		22 4774.5		7 4820.5		22 4866.5
	6 4729.5		23 4775.5		8 4821.5		23 4867.5
	7 4730.5		24 4776.5		9 4822.5		24 4868.5
	8 4731.5		25 4777.5		10 4823.5		25 4869.5
	9 4732.5		26 4778.5		11 4824.5		26 4870.5
	10 4733.5		27 4779.5		12 4825.5		27 4871.5
	11 4734.5		28 4780.5		13 4826.5		28 4872.5
	12 4735.5		29 4781.5		14 4827.5		29 4873.5
	13 4736.5		30 4782.5		15 4828.5		30 4874.5
	14 4737.5		31 4783.5		16 4829.5	July	1 4875.5

## JULIAN DAYS, 2036

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>246</b>		<b>246</b>		<b>246</b>		<b>246</b>
July	1 4875.5	Aug.	16 4921.5	Oct.	1 4967.5	Nov.	16 5013.5
	2 4876.5		17 4922.5		2 4968.5		17 5014.5
	3 4877.5		18 4923.5		3 4969.5		18 5015.5
	4 4878.5		19 4924.5		4 4970.5		19 5016.5
	5 4879.5		20 4925.5		5 4971.5		20 5017.5
	6 4880.5		21 4926.5		6 4972.5		21 5018.5
	7 4881.5		22 4927.5		7 4973.5		22 5019.5
	8 4882.5		23 4928.5		8 4974.5		23 5020.5
	9 4883.5		24 4929.5		9 4975.5		24 5021.5
	10 4884.5		25 4930.5		10 4976.5		25 5022.5
	11 4885.5		26 4931.5		11 4977.5		26 5023.5
	12 4886.5		27 4932.5		12 4978.5		27 5024.5
	13 4887.5		28 4933.5		13 4979.5		28 5025.5
	14 4888.5		29 4934.5		14 4980.5		29 5026.5
	15 4889.5		30 4935.5		15 4981.5		30 5027.5
	16 4890.5		31 4936.5		16 4982.5	Dec.	1 5028.5
	17 4891.5	Sept.	1 4937.5		17 4983.5		2 5029.5
	18 4892.5		2 4938.5		18 4984.5		3 5030.5
	19 4893.5		3 4939.5		19 4985.5		4 5031.5
	20 4894.5		4 4940.5		20 4986.5		5 5032.5
	21 4895.5		5 4941.5		21 4987.5		6 5033.5
	22 4896.5		6 4942.5		22 4988.5		7 5034.5
	23 4897.5		7 4943.5		23 4989.5		8 5035.5
	24 4898.5		8 4944.5		24 4990.5		9 5036.5
	25 4899.5		9 4945.5		25 4991.5		10 5037.5
	26 4900.5		10 4946.5		26 4992.5		11 5038.5
	27 4901.5		11 4947.5		27 4993.5		12 5039.5
	28 4902.5		12 4948.5		28 4994.5		13 5040.5
	29 4903.5		13 4949.5		29 4995.5		14 5041.5
	30 4904.5		14 4950.5		30 4996.5		15 5042.5
	31 4905.5		15 4951.5		31 4997.5		16 5043.5
Aug.	1 4906.5		16 4952.5	Nov.	1 4998.5		17 5044.5
	2 4907.5		17 4953.5		2 4999.5		18 5045.5
	3 4908.5		18 4954.5		3 5000.5		19 5046.5
	4 4909.5		19 4955.5		4 5001.5		20 5047.5
	5 4910.5		20 4956.5		5 5002.5		21 5048.5
	6 4911.5		21 4957.5		6 5003.5		22 5049.5
	7 4912.5		22 4958.5		7 5004.5		23 5050.5
	8 4913.5		23 4959.5		8 5005.5		24 5051.5
	9 4914.5		24 4960.5		9 5006.5		25 5052.5
	10 4915.5		25 4961.5		10 5007.5		26 5053.5
	11 4916.5		26 4962.5		11 5008.5		27 5054.5
	12 4917.5		27 4963.5		12 5009.5		28 5055.5
	13 4918.5		28 4964.5		13 5010.5		29 5056.5
	14 4919.5		29 4965.5		14 5011.5		30 5057.5
	15 4920.5		30 4966.5		15 5012.5		31 5058.5

## JULIAN DAYS, 2037

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>246</b>		<b>246</b>		<b>246</b>		<b>246</b>
Jan.	0 5058.5	Feb.	15 5104.5	Apr.	2 5150.5	May	18 5196.5
	1 5059.5		16 5105.5		3 5151.5		19 5197.5
	2 5060.5		17 5106.5		4 5152.5		20 5198.5
	3 5061.5		18 5107.5		5 5153.5		21 5199.5
	4 5062.5		19 5108.5		6 5154.5		22 5200.5
	5 5063.5		20 5109.5		7 5155.5		23 5201.5
	6 5064.5		21 5110.5		8 5156.5		24 5202.5
	7 5065.5		22 5111.5		9 5157.5		25 5203.5
	8 5066.5		23 5112.5		10 5158.5		26 5204.5
	9 5067.5		24 5113.5		11 5159.5		27 5205.5
	10 5068.5		25 5114.5		12 5160.5		28 5206.5
	11 5069.5		26 5115.5		13 5161.5		29 5207.5
	12 5070.5		27 5116.5		14 5162.5		30 5208.5
	13 5071.5		28 5117.5		15 5163.5		31 5209.5
	14 5072.5	Mar.	1 5118.5		16 5164.5	June	1 5210.5
	15 5073.5		2 5119.5		17 5165.5		2 5211.5
	16 5074.5		3 5120.5		18 5166.5		3 5212.5
	17 5075.5		4 5121.5		19 5167.5		4 5213.5
	18 5076.5		5 5122.5		20 5168.5		5 5214.5
	19 5077.5		6 5123.5		21 5169.5		6 5215.5
	20 5078.5		7 5124.5		22 5170.5		7 5216.5
	21 5079.5		8 5125.5		23 5171.5		8 5217.5
	22 5080.5		9 5126.5		24 5172.5		9 5218.5
	23 5081.5		10 5127.5		25 5173.5		10 5219.5
	24 5082.5		11 5128.5		26 5174.5		11 5220.5
	25 5083.5		12 5129.5		27 5175.5		12 5221.5
	26 5084.5		13 5130.5		28 5176.5		13 5222.5
	27 5085.5		14 5131.5		29 5177.5		14 5223.5
	28 5086.5		15 5132.5		30 5178.5		15 5224.5
	29 5087.5		16 5133.5	May	1 5179.5		16 5225.5
	30 5088.5		17 5134.5		2 5180.5		17 5226.5
	31 5089.5		18 5135.5		3 5181.5		18 5227.5
Feb.	1 5090.5		19 5136.5		4 5182.5		19 5228.5
	2 5091.5		20 5137.5		5 5183.5		20 5229.5
	3 5092.5		21 5138.5		6 5184.5		21 5230.5
	4 5093.5		22 5139.5		7 5185.5		22 5231.5
	5 5094.5		23 5140.5		8 5186.5		23 5232.5
	6 5095.5		24 5141.5		9 5187.5		24 5233.5
	7 5096.5		25 5142.5		10 5188.5		25 5234.5
	8 5097.5		26 5143.5		11 5189.5		26 5235.5
	9 5098.5		27 5144.5		12 5190.5		27 5236.5
	10 5099.5		28 5145.5		13 5191.5		28 5237.5
	11 5100.5		29 5146.5		14 5192.5		29 5238.5
	12 5101.5		30 5147.5		15 5193.5		30 5239.5
	13 5102.5		31 5148.5		16 5194.5	July	1 5240.5
	14 5103.5	Apr.	1 5149.5		17 5195.5		2 5241.5

## JULIAN DAYS, 2037

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>246</b>		<b>246</b>		<b>246</b>		<b>246</b>
July	1 5240.5	Aug.	16 5286.5	Oct.	1 5332.5	Nov.	16 5378.5
	2 5241.5		17 5287.5		2 5333.5		17 5379.5
	3 5242.5		18 5288.5		3 5334.5		18 5380.5
	4 5243.5		19 5289.5		4 5335.5		19 5381.5
	5 5244.5		20 5290.5		5 5336.5		20 5382.5
	6 5245.5		21 5291.5		6 5337.5		21 5383.5
	7 5246.5		22 5292.5		7 5338.5		22 5384.5
	8 5247.5		23 5293.5		8 5339.5		23 5385.5
	9 5248.5		24 5294.5		9 5340.5		24 5386.5
	10 5249.5		25 5295.5		10 5341.5		25 5387.5
	11 5250.5		26 5296.5		11 5342.5		26 5388.5
	12 5251.5		27 5297.5		12 5343.5		27 5389.5
	13 5252.5		28 5298.5		13 5344.5		28 5390.5
	14 5253.5		29 5299.5		14 5345.5		29 5391.5
	15 5254.5		30 5300.5		15 5346.5		30 5392.5
	16 5255.5		31 5301.5		16 5347.5	Dec.	1 5393.5
	17 5256.5	Sept.	1 5302.5		17 5348.5		2 5394.5
	18 5257.5		2 5303.5		18 5349.5		3 5395.5
	19 5258.5		3 5304.5		19 5350.5		4 5396.5
	20 5259.5		4 5305.5		20 5351.5		5 5397.5
	21 5260.5		5 5306.5		21 5352.5		6 5398.5
	22 5261.5		6 5307.5		22 5353.5		7 5399.5
	23 5262.5		7 5308.5		23 5354.5		8 5400.5
	24 5263.5		8 5309.5		24 5355.5		9 5401.5
	25 5264.5		9 5310.5		25 5356.5		10 5402.5
	26 5265.5		10 5311.5		26 5357.5		11 5403.5
	27 5266.5		11 5312.5		27 5358.5		12 5404.5
	28 5267.5		12 5313.5		28 5359.5		13 5405.5
	29 5268.5		13 5314.5		29 5360.5		14 5406.5
	30 5269.5		14 5315.5		30 5361.5		15 5407.5
	31 5270.5		15 5316.5		31 5362.5		16 5408.5
Aug.	1 5271.5		16 5317.5	Nov.	1 5363.5		17 5409.5
	2 5272.5		17 5318.5		2 5364.5		18 5410.5
	3 5273.5		18 5319.5		3 5365.5		19 5411.5
	4 5274.5		19 5320.5		4 5366.5		20 5412.5
	5 5275.5		20 5321.5		5 5367.5		21 5413.5
	6 5276.5		21 5322.5		6 5368.5		22 5414.5
	7 5277.5		22 5323.5		7 5369.5		23 5415.5
	8 5278.5		23 5324.5		8 5370.5		24 5416.5
	9 5279.5		24 5325.5		9 5371.5		25 5417.5
	10 5280.5		25 5326.5		10 5372.5		26 5418.5
	11 5281.5		26 5327.5		11 5373.5		27 5419.5
	12 5282.5		27 5328.5		12 5374.5		28 5420.5
	13 5283.5		28 5329.5		13 5375.5		29 5421.5
	14 5284.5		29 5330.5		14 5376.5		30 5422.5
	15 5285.5		30 5331.5		15 5377.5		31 5423.5

## JULIAN DAYS, 2038

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>246</b>		<b>246</b>		<b>246</b>		<b>246</b>
Jan.	0 5423.5	Feb.	15 5469.5	Apr.	2 5515.5	May	18 5561.5
	1 5424.5		16 5470.5		3 5516.5		19 5562.5
	2 5425.5		17 5471.5		4 5517.5		20 5563.5
	3 5426.5		18 5472.5		5 5518.5		21 5564.5
	4 5427.5		19 5473.5		6 5519.5		22 5565.5
	5 5428.5		20 5474.5		7 5520.5		23 5566.5
	6 5429.5		21 5475.5		8 5521.5		24 5567.5
	7 5430.5		22 5476.5		9 5522.5		25 5568.5
	8 5431.5		23 5477.5		10 5523.5		26 5569.5
	9 5432.5		24 5478.5		11 5524.5		27 5570.5
	10 5433.5		25 5479.5		12 5525.5		28 5571.5
	11 5434.5		26 5480.5		13 5526.5		29 5572.5
	12 5435.5		27 5481.5		14 5527.5		30 5573.5
	13 5436.5		28 5482.5		15 5528.5		31 5574.5
	14 5437.5	Mar.	1 5483.5		16 5529.5	June	1 5575.5
	15 5438.5		2 5484.5		17 5530.5		2 5576.5
	16 5439.5		3 5485.5		18 5531.5		3 5577.5
	17 5440.5		4 5486.5		19 5532.5		4 5578.5
	18 5441.5		5 5487.5		20 5533.5		5 5579.5
	19 5442.5		6 5488.5		21 5534.5		6 5580.5
	20 5443.5		7 5489.5		22 5535.5		7 5581.5
	21 5444.5		8 5490.5		23 5536.5		8 5582.5
	22 5445.5		9 5491.5		24 5537.5		9 5583.5
	23 5446.5		10 5492.5		25 5538.5		10 5584.5
	24 5447.5		11 5493.5		26 5539.5		11 5585.5
	25 5448.5		12 5494.5		27 5540.5		12 5586.5
	26 5449.5		13 5495.5		28 5541.5		13 5587.5
	27 5450.5		14 5496.5		29 5542.5		14 5588.5
	28 5451.5		15 5497.5		30 5543.5		15 5589.5
	29 5452.5		16 5498.5	May	1 5544.5		16 5590.5
	30 5453.5		17 5499.5		2 5545.5		17 5591.5
	31 5454.5		18 5500.5		3 5546.5		18 5592.5
Feb.	1 5455.5		19 5501.5		4 5547.5		19 5593.5
	2 5456.5		20 5502.5		5 5548.5		20 5594.5
	3 5457.5		21 5503.5		6 5549.5		21 5595.5
	4 5458.5		22 5504.5		7 5550.5		22 5596.5
	5 5459.5		23 5505.5		8 5551.5		23 5597.5
	6 5460.5		24 5506.5		9 5552.5		24 5598.5
	7 5461.5		25 5507.5		10 5553.5		25 5599.5
	8 5462.5		26 5508.5		11 5554.5		26 5600.5
	9 5463.5		27 5509.5		12 5555.5		27 5601.5
	10 5464.5		28 5510.5		13 5556.5		28 5602.5
	11 5465.5		29 5511.5		14 5557.5		29 5603.5
	12 5466.5		30 5512.5		15 5558.5		30 5604.5
	13 5467.5		31 5513.5		16 5559.5	July	1 5605.5
	14 5468.5	Apr.	1 5514.5		17 5560.5		2 5606.5

## JULIAN DAYS, 2038

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>246</b>		<b>246</b>		<b>246</b>		<b>246</b>
July	1 5605.5	Aug.	16 5651.5	Oct.	1 5697.5	Nov.	16 5743.5
	2 5606.5		17 5652.5		2 5698.5		17 5744.5
	3 5607.5		18 5653.5		3 5699.5		18 5745.5
	4 5608.5		19 5654.5		4 5700.5		19 5746.5
	5 5609.5		20 5655.5		5 5701.5		20 5747.5
	6 5610.5		21 5656.5		6 5702.5		21 5748.5
	7 5611.5		22 5657.5		7 5703.5		22 5749.5
	8 5612.5		23 5658.5		8 5704.5		23 5750.5
	9 5613.5		24 5659.5		9 5705.5		24 5751.5
	10 5614.5		25 5660.5		10 5706.5		25 5752.5
	11 5615.5		26 5661.5		11 5707.5		26 5753.5
	12 5616.5		27 5662.5		12 5708.5		27 5754.5
	13 5617.5		28 5663.5		13 5709.5		28 5755.5
	14 5618.5		29 5664.5		14 5710.5		29 5756.5
	15 5619.5		30 5665.5		15 5711.5		30 5757.5
	16 5620.5		31 5666.5		16 5712.5	Dec.	1 5758.5
	17 5621.5	Sept.	1 5667.5		17 5713.5		2 5759.5
	18 5622.5		2 5668.5		18 5714.5		3 5760.5
	19 5623.5		3 5669.5		19 5715.5		4 5761.5
	20 5624.5		4 5670.5		20 5716.5		5 5762.5
	21 5625.5		5 5671.5		21 5717.5		6 5763.5
	22 5626.5		6 5672.5		22 5718.5		7 5764.5
	23 5627.5		7 5673.5		23 5719.5		8 5765.5
	24 5628.5		8 5674.5		24 5720.5		9 5766.5
	25 5629.5		9 5675.5		25 5721.5		10 5767.5
	26 5630.5		10 5676.5		26 5722.5		11 5768.5
	27 5631.5		11 5677.5		27 5723.5		12 5769.5
	28 5632.5		12 5678.5		28 5724.5		13 5770.5
	29 5633.5		13 5679.5		29 5725.5		14 5771.5
	30 5634.5		14 5680.5		30 5726.5		15 5772.5
	31 5635.5		15 5681.5		31 5727.5		16 5773.5
Aug.	1 5636.5		16 5682.5	Nov.	1 5728.5		17 5774.5
	2 5637.5		17 5683.5		2 5729.5		18 5775.5
	3 5638.5		18 5684.5		3 5730.5		19 5776.5
	4 5639.5		19 5685.5		4 5731.5		20 5777.5
	5 5640.5		20 5686.5		5 5732.5		21 5778.5
	6 5641.5		21 5687.5		6 5733.5		22 5779.5
	7 5642.5		22 5688.5		7 5734.5		23 5780.5
	8 5643.5		23 5689.5		8 5735.5		24 5781.5
	9 5644.5		24 5690.5		9 5736.5		25 5782.5
	10 5645.5		25 5691.5		10 5737.5		26 5783.5
	11 5646.5		26 5692.5		11 5738.5		27 5784.5
	12 5647.5		27 5693.5		12 5739.5		28 5785.5
	13 5648.5		28 5694.5		13 5740.5		29 5786.5
	14 5649.5		29 5695.5		14 5741.5		30 5787.5
	15 5650.5		30 5696.5		15 5742.5		31 5788.5

## JULIAN DAYS, 2039

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>246</b>		<b>246</b>		<b>246</b>		<b>246</b>
Jan.	0 5788.5	Feb.	15 5834.5	Apr.	2 5880.5	May	18 5926.5
	1 5789.5		16 5835.5		3 5881.5		19 5927.5
	2 5790.5		17 5836.5		4 5882.5		20 5928.5
	3 5791.5		18 5837.5		5 5883.5		21 5929.5
	4 5792.5		19 5838.5		6 5884.5		22 5930.5
	5 5793.5		20 5839.5		7 5885.5		23 5931.5
	6 5794.5		21 5840.5		8 5886.5		24 5932.5
	7 5795.5		22 5841.5		9 5887.5		25 5933.5
	8 5796.5		23 5842.5		10 5888.5		26 5934.5
	9 5797.5		24 5843.5		11 5889.5		27 5935.5
	10 5798.5		25 5844.5		12 5890.5		28 5936.5
	11 5799.5		26 5845.5		13 5891.5		29 5937.5
	12 5800.5		27 5846.5		14 5892.5		30 5938.5
	13 5801.5		28 5847.5		15 5893.5		31 5939.5
	14 5802.5	Mar.	1 5848.5		16 5894.5	June	1 5940.5
	15 5803.5		2 5849.5		17 5895.5		2 5941.5
	16 5804.5		3 5850.5		18 5896.5		3 5942.5
	17 5805.5		4 5851.5		19 5897.5		4 5943.5
	18 5806.5		5 5852.5		20 5898.5		5 5944.5
	19 5807.5		6 5853.5		21 5899.5		6 5945.5
	20 5808.5		7 5854.5		22 5900.5		7 5946.5
	21 5809.5		8 5855.5		23 5901.5		8 5947.5
	22 5810.5		9 5856.5		24 5902.5		9 5948.5
	23 5811.5		10 5857.5		25 5903.5		10 5949.5
	24 5812.5		11 5858.5		26 5904.5		11 5950.5
	25 5813.5		12 5859.5		27 5905.5		12 5951.5
	26 5814.5		13 5860.5		28 5906.5		13 5952.5
	27 5815.5		14 5861.5		29 5907.5		14 5953.5
	28 5816.5		15 5862.5		30 5908.5		15 5954.5
	29 5817.5		16 5863.5	May	1 5909.5		16 5955.5
	30 5818.5		17 5864.5		2 5910.5		17 5956.5
	31 5819.5		18 5865.5		3 5911.5		18 5957.5
Feb.	1 5820.5		19 5866.5		4 5912.5		19 5958.5
	2 5821.5		20 5867.5		5 5913.5		20 5959.5
	3 5822.5		21 5868.5		6 5914.5		21 5960.5
	4 5823.5		22 5869.5		7 5915.5		22 5961.5
	5 5824.5		23 5870.5		8 5916.5		23 5962.5
	6 5825.5		24 5871.5		9 5917.5		24 5963.5
	7 5826.5		25 5872.5		10 5918.5		25 5964.5
	8 5827.5		26 5873.5		11 5919.5		26 5965.5
	9 5828.5		27 5874.5		12 5920.5		27 5966.5
	10 5829.5		28 5875.5		13 5921.5		28 5967.5
	11 5830.5		29 5876.5		14 5922.5		29 5968.5
	12 5831.5		30 5877.5		15 5923.5		30 5969.5
	13 5832.5		31 5878.5		16 5924.5	July	1 5970.5
	14 5833.5	Apr.	1 5879.5		17 5925.5		2 5971.5



## JULIAN DAYS, 2039

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>246</b>		<b>246</b>		<b>246</b>		<b>246</b>
July	1 5970.5	Aug.	16 6016.5	Oct.	1 6062.5	Nov.	16 6108.5
	2 5971.5		17 6017.5		2 6063.5		17 6109.5
	3 5972.5		18 6018.5		3 6064.5		18 6110.5
	4 5973.5		19 6019.5		4 6065.5		19 6111.5
	5 5974.5		20 6020.5		5 6066.5		20 6112.5
	6 5975.5		21 6021.5		6 6067.5		21 6113.5
	7 5976.5		22 6022.5		7 6068.5		22 6114.5
	8 5977.5		23 6023.5		8 6069.5		23 6115.5
	9 5978.5		24 6024.5		9 6070.5		24 6116.5
	10 5979.5		25 6025.5		10 6071.5		25 6117.5
	11 5980.5		26 6026.5		11 6072.5		26 6118.5
	12 5981.5		27 6027.5		12 6073.5		27 6119.5
	13 5982.5		28 6028.5		13 6074.5		28 6120.5
	14 5983.5		29 6029.5		14 6075.5		29 6121.5
	15 5984.5		30 6030.5		15 6076.5		30 6122.5
	16 5985.5		31 6031.5		16 6077.5	Dec.	1 6123.5
	17 5986.5	Sept.	1 6032.5		17 6078.5		2 6124.5
	18 5987.5		2 6033.5		18 6079.5		3 6125.5
	19 5988.5		3 6034.5		19 6080.5		4 6126.5
	20 5989.5		4 6035.5		20 6081.5		5 6127.5
	21 5990.5		5 6036.5		21 6082.5		6 6128.5
	22 5991.5		6 6037.5		22 6083.5		7 6129.5
	23 5992.5		7 6038.5		23 6084.5		8 6130.5
	24 5993.5		8 6039.5		24 6085.5		9 6131.5
	25 5994.5		9 6040.5		25 6086.5		10 6132.5
	26 5995.5		10 6041.5		26 6087.5		11 6133.5
	27 5996.5		11 6042.5		27 6088.5		12 6134.5
	28 5997.5		12 6043.5		28 6089.5		13 6135.5
	29 5998.5		13 6044.5		29 6090.5		14 6136.5
	30 5999.5		14 6045.5		30 6091.5		15 6137.5
	31 6000.5		15 6046.5		31 6092.5		16 6138.5
Aug.	1 6001.5		16 6047.5	Nov.	1 6093.5		17 6139.5
	2 6002.5		17 6048.5		2 6094.5		18 6140.5
	3 6003.5		18 6049.5		3 6095.5		19 6141.5
	4 6004.5		19 6050.5		4 6096.5		20 6142.5
	5 6005.5		20 6051.5		5 6097.5		21 6143.5
	6 6006.5		21 6052.5		6 6098.5		22 6144.5
	7 6007.5		22 6053.5		7 6099.5		23 6145.5
	8 6008.5		23 6054.5		8 6100.5		24 6146.5
	9 6009.5		24 6055.5		9 6101.5		25 6147.5
	10 6010.5		25 6056.5		10 6102.5		26 6148.5
	11 6011.5		26 6057.5		11 6103.5		27 6149.5
	12 6012.5		27 6058.5		12 6104.5		28 6150.5
	13 6013.5		28 6059.5		13 6105.5		29 6151.5
	14 6014.5		29 6060.5		14 6106.5		30 6152.5
	15 6015.5		30 6061.5		15 6107.5		31 6153.5

## JULIAN DAYS, 2040

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>246</b>		<b>246</b>		<b>246</b>		<b>246</b>
Jan.	0 6153.5	Feb.	15 6199.5	Apr.	1 6245.5	May	17 6291.5
	1 6154.5		16 6200.5		2 6246.5		18 6292.5
	2 6155.5		17 6201.5		3 6247.5		10 6293.5
	3 6156.5		18 6202.5		4 6248.5		20 6294.5
	4 6157.5		19 6203.5		5 6249.5		21 6295.5
	5 6158.5		20 6204.5		6 6250.5		22 6296.5
	6 6159.5		21 6205.5		7 6251.5		23 6297.5
	7 6160.5		22 6206.5		8 6252.5		24 6298.5
	8 6161.5		23 6207.5		9 6253.5		25 6299.5
	9 6162.5		24 6208.5		10 6254.5		26 6300.5
	10 6163.5		25 6209.5		11 6255.5		27 6301.5
	11 6164.5		26 6210.5		12 6256.5		28 6302.5
	12 6165.5		27 6211.5		13 6257.5		29 6303.5
	13 6166.5		28 6212.5		14 6258.5		30 6304.5
	14 6167.5		29 6213.5		15 6259.5		31 6305.5
	15 6168.5	Mar.	1 6214.5		16 6260.5	June	1 6306.5
	16 6169.5		2 6215.5		17 6261.5		2 6307.5
	17 6170.5		3 6216.5		18 6262.5		3 6308.5
	18 6171.5		4 6217.5		19 6263.5		4 6309.5
	19 6172.5		5 6218.5		20 6264.5		5 6310.5
	20 6173.5		6 6219.5		21 6265.5		6 6311.5
	21 6174.5		7 6220.5		22 6266.5		7 6312.5
	22 6175.5		8 6221.5		23 6267.5		8 6313.5
	23 6176.5		9 6222.5		24 6268.5		9 6314.5
	24 6177.5		10 6223.5		25 6269.5		10 6315.5
	25 6178.5		11 6224.5		26 6270.5		11 6316.5
	26 6179.5		12 6225.5		27 6271.5		12 6317.5
	27 6180.5		13 6226.5		28 6272.5		13 6318.5
	28 6181.5		14 6227.5		29 6273.5		14 6319.5
	29 6182.5		15 6228.5		30 6274.5		15 6320.5
	30 6183.5		16 6229.5	May	1 6275.5		16 6321.5
	31 6184.5		17 6230.5		2 6276.5		17 6322.5
Feb.	1 6185.5		18 6231.5		3 6277.5		18 6323.5
	2 6186.5		19 6232.5		4 6278.5		19 6324.5
	3 6187.5		20 6233.5		5 6279.5		20 6325.5
	4 6188.5		21 6234.5		6 6280.5		21 6326.5
	5 6189.5		22 6235.5		7 6281.5		22 6327.5
	6 6190.5		23 6236.5		8 6282.5		23 6328.5
	7 6191.5		24 6237.5		9 6283.5		24 6329.5
	8 6192.5		25 6238.5		10 6284.5		25 6330.5
	9 6193.5		26 6239.5		11 6285.5		26 6331.5
	10 6194.5		27 6240.5		12 6286.5		27 6332.5
	11 6195.5		28 6241.5		13 6287.5		28 6333.5
	12 6196.5		29 6242.5		14 6288.5		29 6334.5
	13 6197.5		30 6243.5		15 6289.5		30 6335.5
	14 6198.5		31 6244.5		16 6290.5	July	1 6336.5

## JULIAN DAYS, 2040

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>246</b>		<b>246</b>		<b>246</b>		<b>246</b>
July	1 6336.5	Aug.	16 6382.5	Oct.	1 6428.5	Nov.	16 6474.5
	2 6337.5		17 6383.5		2 6429.5		17 6475.5
	3 6338.5		18 6384.5		3 6430.5		18 6476.5
	4 6339.5		19 6385.5		4 6431.5		19 6477.5
	5 6340.5		20 6386.5		5 6432.5		20 6478.5
	6 6341.5		21 6387.5		6 6433.5		21 6479.5
	7 6342.5		22 6388.5		7 6434.5		22 6480.5
	8 6343.5		23 6389.5		8 6435.5		23 6481.5
	9 6344.5		24 6390.5		9 6436.5		24 6482.5
	10 6345.5		25 6391.5		10 6437.5		25 6483.5
	11 6346.5		26 6392.5		11 6438.5		26 6484.5
	12 6347.5		27 6393.5		12 6439.5		27 6485.5
	13 6348.5		28 6394.5		13 6440.5		28 6486.5
	14 6349.5		29 6395.5		14 6441.5		29 6487.5
	15 6350.5		30 6396.5		15 6442.5		30 6488.5
	16 6351.5		31 6397.5		16 6443.5	Dec.	1 6489.5
	17 6352.5	Sept.	1 6398.5		17 6444.5		2 6490.5
	18 6353.5		2 6399.5		18 6445.5		3 6491.5
	19 6354.5		3 6400.5		19 6446.5		4 6492.5
	20 6355.5		4 6401.5		20 6447.5		5 6493.5
	21 6356.5		5 6402.5		21 6448.5		6 6494.5
	22 6357.5		6 6403.5		22 6449.5		7 6495.5
	23 6358.5		7 6404.5		23 6450.5		8 6496.5
	24 6359.5		8 6405.5		24 6451.5		9 6497.5
	25 6360.5		9 6406.5		25 6452.5		10 6498.5
	26 6361.5		10 6407.5		26 6453.5		11 6499.5
	27 6362.5		11 6408.5		27 6454.5		12 6500.5
	28 6363.5		12 6409.5		28 6455.5		13 6501.5
	29 6364.5		13 6410.5		29 6456.5		14 6502.5
	30 6365.5		14 6411.5		30 6457.5		15 6503.5
	31 6366.5		15 6412.5		31 6458.5		16 6504.5
Aug.	1 6367.5		16 6413.5	Nov.	1 6459.5		17 6505.5
	2 6368.5		17 6414.5		2 6460.5		18 6506.5
	3 6369.5		18 6415.5		3 6461.5		19 6507.5
	4 6370.5		19 6416.5		4 6462.5		20 6508.5
	5 6371.5		20 6417.5		5 6463.5		21 6509.5
	6 6372.5		21 6418.5		6 6464.5		22 6510.5
	7 6373.5		22 6419.5		7 6465.5		23 6511.5
	8 6374.5		23 6420.5		8 6466.5		24 6512.5
	9 6375.5		24 6421.5		9 6467.5		25 6513.5
	10 6376.5		25 6422.5		10 6468.5		26 6514.5
	11 6377.5		26 6423.5		11 6469.5		27 6515.5
	12 6378.5		27 6424.5		12 6470.5		28 6516.5
	13 6379.5		28 6425.5		13 6471.5		29 6517.5
	14 6380.5		29 6426.5		14 6472.5		30 6518.5
	15 6381.5		30 6427.5		15 6473.5		31 6519.5

## JULIAN DAYS, 2041

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>246</b>		<b>246</b>		<b>246</b>		<b>246</b>
Jan.	0 6519.5	Feb.	15 6565.5	Apr.	2 6611.5	May	18 6657.5
	1 6520.5		16 6566.5		3 6612.5		19 6658.5
	2 6521.5		17 6567.5		4 6613.5		20 6659.5
	3 6522.5		18 6568.5		5 6614.5		21 6660.5
	4 6523.5		19 6569.5		6 6615.5		22 6661.5
	5 6524.5		20 6570.5		7 6616.5		23 6662.5
	6 6525.5		21 6571.5		8 6617.5		24 6663.5
	7 6526.5		22 6572.5		9 6618.5		25 6664.5
	8 6527.5		23 6573.5		10 6619.5		26 6665.5
	9 6528.5		24 6574.5		11 6620.5		27 6666.5
	10 6529.5		25 6575.5		12 6621.5		28 6667.5
	11 6530.5		26 6576.5		13 6622.5		29 6668.5
	12 6531.5		27 6577.5		14 6623.5		30 6669.5
	13 6532.5		28 6578.5		15 6624.5		31 6670.5
	14 6533.5	Mar.	1 6579.5		16 6625.5	June	1 6671.5
	15 6534.5		2 6580.5		17 6626.5		2 6672.5
	16 6535.5		3 6581.5		18 6627.5		3 6673.5
	17 6536.5		4 6582.5		19 6628.5		4 6674.5
	18 6537.5		5 6583.5		20 6629.5		5 6675.5
	19 6538.5		6 6584.5		21 6630.5		6 6676.5
	20 6539.5		7 6585.5		22 6631.5		7 6677.5
	21 6540.5		8 6586.5		23 6632.5		8 6678.5
	22 6541.5		9 6587.5		24 6633.5		9 6679.5
	23 6542.5		10 6588.5		25 6634.5		10 6680.5
	24 6543.5		11 6589.5		26 6635.5		11 6681.5
	25 6544.5		12 6590.5		27 6636.5		12 6682.5
	26 6545.5		13 6591.5		28 6637.5		13 6683.5
	27 6546.5		14 6592.5		29 6638.5		14 6684.5
	28 6547.5		15 6593.5		30 6639.5		15 6685.5
	29 6548.5		16 6594.5	May	1 6640.5		16 6686.5
	30 6549.5		17 6595.5		2 6641.5		17 6687.5
	31 6550.5		18 6596.5		3 6642.5		18 6688.5
Feb.	1 6551.5		19 6597.5		4 6643.5		19 6689.5
	2 6552.5		20 6598.5		5 6644.5		20 6690.5
	3 6553.5		21 6599.5		6 6645.5		21 6691.5
	4 6554.5		22 6600.5		7 6646.5		22 6692.5
	5 6555.5		23 6601.5		8 6647.5		23 6693.5
	6 6556.5		24 6602.5		9 6648.5		24 6694.5
	7 6557.5		25 6603.5		10 6649.5		25 6695.5
	8 6558.5		26 6604.5		11 6650.5		26 6696.5
	9 6559.5		27 6605.5		12 6651.5		27 6697.5
	10 6560.5		28 6606.5		13 6652.5		28 6698.5
	11 6561.5		29 6607.5		14 6653.5		29 6699.5
	12 6562.5		30 6608.5		15 6654.5		30 6700.5
	13 6563.5		31 6609.5		16 6655.5	July	1 6701.5
	14 6564.5	Apr.	1 6610.5		17 6656.5		2 6702.5

## JULIAN DAYS, 2041

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>246</b>		<b>246</b>		<b>246</b>		<b>246</b>
July	1 <b>6701.5</b>	Aug.	16 <b>6747.5</b>	Oct.	1 <b>6793.5</b>	Nov.	16 <b>6839.5</b>
	2 <b>6702.5</b>		17 <b>6748.5</b>		2 <b>6794.5</b>		17 <b>6840.5</b>
	3 <b>6703.5</b>		18 <b>6749.5</b>		3 <b>6795.5</b>		18 <b>6841.5</b>
	4 <b>6704.5</b>		19 <b>6750.5</b>		4 <b>6796.5</b>		19 <b>6842.5</b>
	5 <b>6705.5</b>		20 <b>6751.5</b>		5 <b>6797.5</b>		20 <b>6843.5</b>
	6 <b>6706.5</b>		21 <b>6752.5</b>		6 <b>6798.5</b>		21 <b>6844.5</b>
	7 <b>6707.5</b>		22 <b>6753.5</b>		7 <b>6799.5</b>		22 <b>6845.5</b>
	8 <b>6708.5</b>		23 <b>6754.5</b>		8 <b>6800.5</b>		23 <b>6846.5</b>
	9 <b>6709.5</b>		24 <b>6755.5</b>		9 <b>6801.5</b>		24 <b>6847.5</b>
	10 <b>6710.5</b>		25 <b>6756.5</b>		10 <b>6802.5</b>		25 <b>6848.5</b>
	11 <b>6711.5</b>		26 <b>6757.5</b>		11 <b>6803.5</b>		26 <b>6849.5</b>
	12 <b>6712.5</b>		27 <b>6758.5</b>		12 <b>6804.5</b>		27 <b>6850.5</b>
	13 <b>6713.5</b>		28 <b>6759.5</b>		13 <b>6805.5</b>		28 <b>6851.5</b>
	14 <b>6714.5</b>		29 <b>6760.5</b>		14 <b>6806.5</b>		29 <b>6852.5</b>
	15 <b>6715.5</b>		30 <b>6761.5</b>		15 <b>6807.5</b>		30 <b>6853.5</b>
	16 <b>6716.5</b>		31 <b>6762.5</b>		16 <b>6808.5</b>	Dec.	1 <b>6854.5</b>
	17 <b>6717.5</b>	Sept.	1 <b>6763.5</b>		17 <b>6809.5</b>		2 <b>6855.5</b>
	18 <b>6718.5</b>		2 <b>6764.5</b>		18 <b>6810.5</b>		3 <b>6856.5</b>
	19 <b>6719.5</b>		3 <b>6765.5</b>		19 <b>6811.5</b>		4 <b>6857.5</b>
	20 <b>6720.5</b>		4 <b>6766.5</b>		20 <b>6812.5</b>		5 <b>6858.5</b>
	21 <b>6721.5</b>		5 <b>6767.5</b>		21 <b>6813.5</b>		6 <b>6859.5</b>
	22 <b>6722.5</b>		6 <b>6768.5</b>		22 <b>6814.5</b>		7 <b>6860.5</b>
	23 <b>6723.5</b>		7 <b>6769.5</b>		23 <b>6815.5</b>		8 <b>6861.5</b>
	24 <b>6724.5</b>		8 <b>6770.5</b>		24 <b>6816.5</b>		9 <b>6862.5</b>
	25 <b>6725.5</b>		9 <b>6771.5</b>		25 <b>6817.5</b>		10 <b>6863.5</b>
	26 <b>6726.5</b>		10 <b>6772.5</b>		26 <b>6818.5</b>		11 <b>6864.5</b>
	27 <b>6727.5</b>		11 <b>6773.5</b>		27 <b>6819.5</b>		12 <b>6865.5</b>
	28 <b>6728.5</b>		12 <b>6774.5</b>		28 <b>6820.5</b>		13 <b>6866.5</b>
	29 <b>6729.5</b>		13 <b>6775.5</b>		29 <b>6821.5</b>		14 <b>6867.5</b>
	30 <b>6730.5</b>		14 <b>6776.5</b>		30 <b>6822.5</b>		15 <b>6868.5</b>
	31 <b>6731.5</b>		15 <b>6777.5</b>		31 <b>6823.5</b>		16 <b>6869.5</b>
Aug.	1 <b>6732.5</b>		16 <b>6778.5</b>	Nov.	1 <b>6824.5</b>		17 <b>6870.5</b>
	2 <b>6733.5</b>		17 <b>6779.5</b>		2 <b>6825.5</b>		18 <b>6871.5</b>
	3 <b>6734.5</b>		18 <b>6780.5</b>		3 <b>6826.5</b>		19 <b>6872.5</b>
	4 <b>6735.5</b>		19 <b>6781.5</b>		4 <b>6827.5</b>		20 <b>6873.5</b>
	5 <b>6736.5</b>		20 <b>6782.5</b>		5 <b>6828.5</b>		21 <b>6874.5</b>
	6 <b>6737.5</b>		21 <b>6783.5</b>		6 <b>6829.5</b>		22 <b>6875.5</b>
	7 <b>6738.5</b>		22 <b>6784.5</b>		7 <b>6830.5</b>		23 <b>6876.5</b>
	8 <b>6739.5</b>		23 <b>6785.5</b>		8 <b>6831.5</b>		24 <b>6877.5</b>
	9 <b>6740.5</b>		24 <b>6786.5</b>		9 <b>6832.5</b>		25 <b>6878.5</b>
	10 <b>6741.5</b>		25 <b>6787.5</b>		10 <b>6833.5</b>		26 <b>6879.5</b>
	11 <b>6742.5</b>		26 <b>6788.5</b>		11 <b>6834.5</b>		27 <b>6880.5</b>
	12 <b>6743.5</b>		27 <b>6789.5</b>		12 <b>6835.5</b>		28 <b>6881.5</b>
	13 <b>6744.5</b>		28 <b>6790.5</b>		13 <b>6836.5</b>		29 <b>6882.5</b>
	14 <b>6745.5</b>		29 <b>6791.5</b>		14 <b>6837.5</b>		30 <b>6883.5</b>
	15 <b>6746.5</b>		30 <b>6792.5</b>		15 <b>6838.5</b>		31 <b>6884.5</b>

## JULIAN DAYS, 2042

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>246</b>		<b>246</b>		<b>246</b>		<b>246</b>
Jan.	0 6884.5	Feb.	15 6930.5	Apr.	2 6976.5	May	18 7022.5
	1 6885.5		16 6931.5		3 6977.5		19 7023.5
	2 6886.5		17 6932.5		4 6978.5		20 7024.5
	3 6887.5		18 6933.5		5 6979.5		21 7025.5
	4 6888.5		19 6934.5		6 6980.5		22 7026.5
	5 6889.5		20 6935.5		7 6981.5		23 7027.5
	6 6890.5		21 6936.5		8 6982.5		24 7028.5
	7 6891.5		22 6937.5		9 6983.5		25 7029.5
	8 6892.5		23 6938.5		10 6984.5		26 7030.5
	9 6893.5		24 6939.5		11 6985.5		27 7031.5
	10 6894.5		25 6940.5		12 6986.5		28 7032.5
	11 6895.5		26 6941.5		13 6987.5		29 7033.5
	12 6896.5		27 6942.5		14 6988.5		30 7034.5
	13 6897.5		28 6943.5		15 6989.5		31 7035.5
	14 6898.5	Mar.	1 6944.5		16 6990.5	June	1 7036.5
	15 6899.5		2 6945.5		17 6991.5		2 7037.5
	16 6900.5		3 6946.5		18 6992.5		3 7038.5
	17 6901.5		4 6947.5		19 6993.5		4 7039.5
	18 6902.5		5 6948.5		20 6994.5		5 7040.5
	19 6903.5		6 6949.5		21 6995.5		6 7041.5
	20 6904.5		7 6950.5		22 6996.5		7 7042.5
	21 6905.5		8 6951.5		23 6997.5		8 7043.5
	22 6906.5		9 6952.5		24 6998.5		9 7044.5
	23 6907.5		10 6953.5		25 6999.5		10 7045.5
	24 6908.5		11 6954.5		26 7000.5		11 7046.5
	25 6909.5		12 6955.5		27 7001.5		12 7047.5
	26 6910.5		13 6956.5		28 7002.5		13 7048.5
	27 6911.5		14 6957.5		29 7003.5		14 7049.5
	28 6912.5		15 6958.5		30 7004.5		15 7050.5
	29 6913.5		16 6959.5	May	1 7005.5		16 7051.5
	30 6914.5		17 6960.5		2 7006.5		17 7052.5
	31 6915.5		18 6961.5		3 7007.5		18 7053.5
Feb.	1 6916.5		19 6962.5		4 7008.5		19 7054.5
	2 6917.5		20 6963.5		5 7009.5		20 7055.5
	3 6918.5		21 6964.5		6 7010.5		21 7056.5
	4 6919.5		22 6965.5		7 7011.5		22 7057.5
	5 6920.5		23 6966.5		8 7012.5		23 7058.5
	6 6921.5		24 6967.5		9 7013.5		24 7059.5
	7 6922.5		25 6968.5		10 7014.5		25 7060.5
	8 6923.5		26 6969.5		11 7015.5		26 7061.5
	9 6924.5		27 6970.5		12 7016.5		27 7062.5
	10 6925.5		28 6971.5		13 7017.5		28 7063.5
	11 6926.5		29 6972.5		14 7018.5		29 7064.5
	12 6927.5		30 6973.5		15 7019.5		30 7065.5
	13 6928.5		31 6974.5		16 7020.5	July	1 7066.5
	14 6929.5	Apr.	1 6975.5		17 7021.5		2 7067.5

## JULIAN DAYS, 2042

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>246</b>		<b>246</b>		<b>246</b>		<b>246</b>
July	1 7066.5	Aug.	16 7112.5	Oct.	1 7158.5	Nov.	16 7204.5
	2 7067.5		17 7113.5		2 7159.5		17 7205.5
	3 7068.5		18 7114.5		3 7160.5		18 7206.5
	4 7069.5		19 7115.5		4 7161.5		19 7207.5
	5 7070.5		20 7116.5		5 7162.5		20 7208.5
	6 7071.5		21 7117.5		6 7163.5		21 7209.5
	7 7072.5		22 7118.5		7 7164.5		22 7210.5
	8 7073.5		23 7119.5		8 7165.5		23 7211.5
	9 7074.5		24 7120.5		9 7166.5		24 7212.5
	10 7075.5		25 7121.5		10 7167.5		25 7213.5
	11 7076.5		26 7122.5		11 7168.5		26 7214.5
	12 7077.5		27 7123.5		12 7169.5		27 7215.5
	13 7078.5		28 7124.5		13 7170.5		28 7216.5
	14 7079.5		29 7125.5		14 7171.5		29 7217.5
	15 7080.5		30 7126.5		15 7172.5		30 7218.5
	16 7081.5		31 7127.5		16 7173.5	Dec.	1 7219.5
	17 7082.5	Sept.	1 7128.5		17 7174.5		2 7220.5
	18 7083.5		2 7129.5		18 7175.5		3 7221.5
	19 7084.5		3 7130.5		19 7176.5		4 7222.5
	20 7085.5		4 7131.5		20 7177.5		5 7223.5
	21 7086.5		5 7132.5		21 7178.5		6 7224.5
	22 7087.5		6 7133.5		22 7179.5		7 7225.5
	23 7088.5		7 7134.5		23 7180.5		8 7226.5
	24 7089.5		8 7135.5		24 7181.5		9 7227.5
	25 7090.5		9 7136.5		25 7182.5		10 7228.5
	26 7091.5		10 7137.5		26 7183.5		11 7229.5
	27 7092.5		11 7138.5		27 7184.5		12 7230.5
	28 7093.5		12 7139.5		28 7185.5		13 7231.5
	29 7094.5		13 7140.5		29 7186.5		14 7232.5
	30 7095.5		14 7141.5		30 7187.5		15 7233.5
	31 7096.5		15 7142.5		31 7188.5		16 7234.5
Aug.	1 7097.5		16 7143.5	Nov.	1 7189.5		17 7235.5
	2 7098.5		17 7144.5		2 7190.5		18 7236.5
	3 7099.5		18 7145.5		3 7191.5		19 7237.5
	4 7100.5		19 7146.5		4 7192.5		20 7238.5
	5 7101.5		20 7147.5		5 7193.5		21 7239.5
	6 7102.5		21 7148.5		6 7194.5		22 7240.5
	7 7103.5		22 7149.5		7 7195.5		23 7241.5
	8 7104.5		23 7150.5		8 7196.5		24 7242.5
	9 7105.5		24 7151.5		9 7197.5		25 7243.5
	10 7106.5		25 7152.5		10 7198.5		26 7244.5
	11 7107.5		26 7153.5		11 7199.5		27 7245.5
	12 7108.5		27 7154.5		12 7200.5		28 7246.5
	13 7109.5		28 7155.5		13 7201.5		29 7247.5
	14 7110.5		29 7156.5		14 7202.5		30 7248.5
	15 7111.5		30 7157.5		15 7203.5		31 7249.5

## JULIAN DAYS, 2043

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>246</b>		<b>246</b>		<b>246</b>		<b>246</b>
Jan.	0 7249.5	Feb.	15 7295.5	Apr.	2 7341.5	May	18 7387.5
	1 7250.5		16 7296.5		3 7342.5		19 7388.5
	2 7251.5		17 7297.5		4 7343.5		20 7389.5
	3 7252.5		18 7298.5		5 7344.5		21 7390.5
	4 7253.5		19 7299.5		6 7345.5		22 7391.5
	5 7254.5		20 7300.5		7 7346.5		23 7392.5
	6 7255.5		21 7301.5		8 7347.5		24 7393.5
	7 7256.5		22 7302.5		9 7348.5		25 7394.5
	8 7257.5		23 7303.5		10 7349.5		26 7395.5
	9 7258.5		24 7304.5		11 7350.5		27 7396.5
	10 7259.5		25 7305.5		12 7351.5		28 7397.5
	11 7260.5		26 7306.5		13 7352.5		29 7398.5
	12 7261.5		27 7307.5		14 7353.5		30 7399.5
	13 7262.5		28 7308.5		15 7354.5		31 7400.5
	14 7263.5	Mar.	1 7309.5		16 7355.5	June	1 7401.5
	15 7264.5		2 7310.5		17 7356.5		2 7402.5
	16 7265.5		3 7311.5		18 7357.5		3 7403.5
	17 7266.5		4 7312.5		19 7358.5		4 7404.5
	18 7267.5		5 7313.5		20 7359.5		5 7405.5
	19 7268.5		6 7314.5		21 7360.5		6 7406.5
	20 7269.5		7 7315.5		22 7361.5		7 7407.5
	21 7270.5		8 7316.5		23 7362.5		8 7408.5
	22 7271.5		9 7317.5		24 7363.5		9 7409.5
	23 7272.5		10 7318.5		25 7364.5		10 7410.5
	24 7273.5		11 7319.5		26 7365.5		11 7411.5
	25 7274.5		12 7320.5		27 7366.5		12 7412.5
	26 7275.5		13 7321.5		28 7367.5		13 7413.5
	27 7276.5		14 7322.5		29 7368.5		14 7414.5
	28 7277.5		15 7323.5		30 7369.5		15 7415.5
	29 7278.5		16 7324.5	May	1 7370.5		16 7416.5
	30 7279.5		17 7325.5		2 7371.5		17 7417.5
	31 7280.5		18 7326.5		3 7372.5		18 7418.5
Feb.	1 7281.5		19 7327.5		4 7373.5		19 7419.5
	2 7282.5		20 7328.5		5 7374.5		20 7420.5
	3 7283.5		21 7329.5		6 7375.5		21 7421.5
	4 7284.5		22 7330.5		7 7376.5		22 7422.5
	5 7285.5		23 7331.5		8 7377.5		23 7423.5
	6 7286.5		24 7332.5		9 7378.5		24 7424.5
	7 7287.5		25 7333.5		10 7379.5		25 7425.5
	8 7288.5		26 7334.5		11 7380.5		26 7426.5
	9 7289.5		27 7335.5		12 7381.5		27 7427.5
	10 7290.5		28 7336.5		13 7382.5		28 7428.5
	11 7291.5		29 7337.5		14 7383.5		29 7429.5
	12 7292.5		30 7338.5		15 7384.5		30 7430.5
	13 7293.5		31 7339.5		16 7385.5	July	1 7431.5
	14 7294.5	Apr.	1 7340.5		17 7386.5		2 7432.5



## JULIAN DAYS, 2043

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>246</b>		<b>246</b>		<b>246</b>		<b>246</b>
July	1 7431.5	Aug.	16 7477.5	Oct.	1 7523.5	Nov.	16 7569.5
	2 7432.5		17 7478.5		2 7524.5		17 7570.5
	3 7433.5		18 7479.5		3 7525.5		18 7571.5
	4 7434.5		19 7480.5		4 7526.5		19 7572.5
	5 7435.5		20 7481.5		5 7527.5		20 7573.5
	6 7436.5		21 7482.5		6 7528.5		21 7574.5
	7 7437.5		22 7483.5		7 7529.5		22 7575.5
	8 7438.5		23 7484.5		8 7530.5		23 7576.5
	9 7439.5		24 7485.5		9 7531.5		24 7577.5
	10 7440.5		25 7486.5		10 7532.5		25 7578.5
	11 7441.5		26 7487.5		11 7533.5		26 7579.5
	12 7442.5		27 7488.5		12 7534.5		27 7580.5
	13 7443.5		28 7489.5		13 7535.5		28 7581.5
	14 7444.5		29 7490.5		14 7536.5		29 7582.5
	15 7445.5		30 7491.5		15 7537.5		30 7583.5
	16 7446.5		31 7492.5		16 7538.5	Dec.	1 7584.5
	17 7447.5	Sept.	1 7493.5		17 7539.5		2 7585.5
	18 7448.5		2 7494.5		18 7540.5		3 7586.5
	19 7449.5		3 7495.5		19 7541.5		4 7587.5
	20 7450.5		4 7496.5		20 7542.5		5 7588.5
	21 7451.5		5 7497.5		21 7543.5		6 7589.5
	22 7452.5		6 7498.5		22 7544.5		7 7590.5
	23 7453.5		7 7499.5		23 7545.5		8 7591.5
	24 7454.5		8 7500.5		24 7546.5		9 7592.5
	25 7455.5		9 7501.5		25 7547.5		10 7593.5
	26 7456.5		10 7502.5		26 7548.5		11 7594.5
	27 7457.5		11 7503.5		27 7549.5		12 7595.5
	28 7458.5		12 7504.5		28 7550.5		13 7596.5
	29 7459.5		13 7505.5		29 7551.5		14 7597.5
	30 7460.5		14 7506.5		30 7552.5		15 7598.5
	31 7461.5		15 7507.5		31 7553.5		16 7599.5
Aug.	1 7462.5		16 7508.5	Nov.	1 7554.5		17 7600.5
	2 7463.5		17 7509.5		2 7555.5		18 7601.5
	3 7464.5		18 7510.5		3 7556.5		19 7602.5
	4 7465.5		19 7511.5		4 7557.5		20 7603.5
	5 7466.5		20 7512.5		5 7558.5		21 7604.5
	6 7467.5		21 7513.5		6 7559.5		22 7605.5
	7 7468.5		22 7514.5		7 7560.5		23 7606.5
	8 7469.5		23 7515.5		8 7561.5		24 7607.5
	9 7470.5		24 7516.5		9 7562.5		25 7608.5
	10 7471.5		25 7517.5		10 7563.5		26 7609.5
	11 7472.5		26 7518.5		11 7564.5		27 7610.5
	12 7473.5		27 7519.5		12 7565.5		28 7611.5
	13 7474.5		28 7520.5		13 7566.5		29 7612.5
	14 7475.5		29 7521.5		14 7567.5		30 7613.5
	15 7476.5		30 7522.5		15 7568.5		31 7614.5

## JULIAN DAYS, 2044

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>246</b>		<b>246</b>		<b>246</b>		<b>246</b>
Jan.	0 7614.5	Feb.	15 7660.5	Apr.	1 7706.5	May	17 7752.5
	1 7615.5		16 7661.5		2 7707.5		18 7753.5
	2 7616.5		17 7662.5		3 7708.5		10 7754.5
	3 7617.5		18 7663.5		4 7709.5		20 7755.5
	4 7618.5		19 7664.5		5 7710.5		21 7756.5
	5 7619.5		20 7665.5		6 7711.5		22 7757.5
	6 7620.5		21 7666.5		7 7712.5		23 7758.5
	7 7621.5		22 7667.5		8 7713.5		24 7759.5
	8 7622.5		23 7668.5		9 7714.5		25 7760.5
	9 7623.5		24 7669.5		10 7715.5		26 7761.5
	10 7624.5		25 7670.5		11 7716.5		27 7762.5
	11 7625.5		26 7671.5		12 7717.5		28 7763.5
	12 7626.5		27 7672.5		13 7718.5		29 7764.5
	13 7627.5		28 7673.5		14 7719.5		30 7765.5
	14 7628.5		29 7674.5		15 7720.5		31 7766.5
	15 7629.5	Mar.	1 7675.5		16 7721.5	June	1 7767.5
	16 7630.5		2 7676.5		17 7722.5		2 7768.5
	17 7631.5		3 7677.5		18 7723.5		3 7769.5
	18 7632.5		4 7678.5		19 7724.5		4 7770.5
	19 7633.5		5 7679.5		20 7725.5		5 7771.5
	20 7634.5		6 7680.5		21 7726.5		6 7772.5
	21 7635.5		7 7681.5		22 7727.5		7 7773.5
	22 7636.5		8 7682.5		23 7728.5		8 7774.5
	23 7637.5		9 7683.5		24 7729.5		9 7775.5
	24 7638.5		10 7684.5		25 7730.5		10 7776.5
	25 7639.5		11 7685.5		26 7731.5		11 7777.5
	26 7640.5		12 7686.5		27 7732.5		12 7778.5
	27 7641.5		13 7687.5		28 7733.5		13 7779.5
	28 7642.5		14 7688.5		29 7734.5		14 7780.5
	29 7643.5		15 7689.5		30 7735.5		15 7781.5
	30 7644.5		16 7690.5	May	1 7736.5		16 7782.5
	31 7645.5		17 7691.5		2 7737.5		17 7783.5
Feb.	1 7646.5		18 7692.5		3 7738.5		18 7784.5
	2 7647.5		19 7693.5		4 7739.5		19 7785.5
	3 7648.5		20 7694.5		5 7740.5		20 7786.5
	4 7649.5		21 7695.5		6 7741.5		21 7787.5
	5 7650.5		22 7696.5		7 7742.5		22 7788.5
	6 7651.5		23 7697.5		8 7743.5		23 7789.5
	7 7652.5		24 7698.5		9 7744.5		24 7790.5
	8 7653.5		25 7699.5		10 7745.5		25 7791.5
	9 7654.5		26 7700.5		11 7746.5		26 7792.5
	10 7655.5		27 7701.5		12 7747.5		27 7793.5
	11 7656.5		28 7702.5		13 7748.5		28 7794.5
	12 7657.5		29 7703.5		14 7749.5		29 7795.5
	13 7658.5		30 7704.5		15 7750.5		30 7796.5
	14 7659.5		31 7705.5		16 7751.5	July	1 7797.5

## JULIAN DAYS, 2044

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>246</b>		<b>246</b>		<b>246</b>		<b>246</b>
July	1 7797.5	Aug.	16 7843.5	Oct.	1 7889.5	Nov.	16 7935.5
	2 7798.5		17 7844.5		2 7890.5		17 7936.5
	3 7799.5		18 7845.5		3 7891.5		18 7937.5
	4 7800.5		19 7846.5		4 7892.5		19 7938.5
	5 7801.5		20 7847.5		5 7893.5		20 7939.5
	6 7802.5		21 7848.5		6 7894.5		21 7940.5
	7 7803.5		22 7849.5		7 7895.5		22 7941.5
	8 7804.5		23 7850.5		8 7896.5		23 7942.5
	9 7805.5		24 7851.5		9 7897.5		24 7943.5
	10 7806.5		25 7852.5		10 7898.5		25 7944.5
	11 7807.5		26 7853.5		11 7899.5		26 7945.5
	12 7808.5		27 7854.5		12 7900.5		27 7946.5
	13 7809.5		28 7855.5		13 7901.5		28 7947.5
	14 7810.5		29 7856.5		14 7902.5		29 7948.5
	15 7811.5		30 7857.5		15 7903.5		30 7949.5
	16 7812.5		31 7858.5		16 7904.5	Dec.	1 7950.5
	17 7813.5	Sept.	1 7859.5		17 7905.5		2 7951.5
	18 7814.5		2 7860.5		18 7906.5		3 7952.5
	19 7815.5		3 7861.5		19 7907.5		4 7953.5
	20 7816.5		4 7862.5		20 7908.5		5 7954.5
	21 7817.5		5 7863.5		21 7909.5		6 7955.5
	22 7818.5		6 7864.5		22 7910.5		7 7956.5
	23 7819.5		7 7865.5		23 7911.5		8 7957.5
	24 7820.5		8 7866.5		24 7912.5		9 7958.5
	25 7821.5		9 7867.5		25 7913.5		10 7959.5
	26 7822.5		10 7868.5		26 7914.5		11 7960.5
	27 7823.5		11 7869.5		27 7915.5		12 7961.5
	28 7824.5		12 7870.5		28 7916.5		13 7962.5
	29 7825.5		13 7871.5		29 7917.5		14 7963.5
	30 7826.5		14 7872.5		30 7918.5		15 7964.5
	31 7827.5		15 7873.5		31 7919.5		16 7965.5
Aug.	1 7828.5		16 7874.5	Nov.	1 7920.5		17 7966.5
	2 7829.5		17 7875.5		2 7921.5		18 7967.5
	3 7830.5		18 7876.5		3 7922.5		19 7968.5
	4 7831.5		19 7877.5		4 7923.5		20 7969.5
	5 7832.5		20 7878.5		5 7924.5		21 7970.5
	6 7833.5		21 7879.5		6 7925.5		22 7971.5
	7 7834.5		22 7880.5		7 7926.5		23 7972.5
	8 7835.5		23 7881.5		8 7927.5		24 7973.5
	9 7836.5		24 7882.5		9 7928.5		25 7974.5
	10 7837.5		25 7883.5		10 7929.5		26 7975.5
	11 7838.5		26 7884.5		11 7930.5		27 7976.5
	12 7839.5		27 7885.5		12 7931.5		28 7977.5
	13 7840.5		28 7886.5		13 7932.5		29 7978.5
	14 7841.5		29 7887.5		14 7933.5		30 7979.5
	15 7842.5		30 7888.5		15 7934.5		31 7980.5

## JULIAN DAYS, 2045

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>246</b>		<b>246</b>		<b>246</b>		<b>246</b>
Jan.	0 7980.5	Feb.	15 8026.5	Apr.	2 8072.5	May	18 8118.5
	1 7981.5		16 8027.5		3 8073.5		19 8119.5
	2 7982.5		17 8028.5		4 8074.5		20 8120.5
	3 7983.5		18 8029.5		5 8075.5		21 8121.5
	4 7984.5		19 8030.5		6 8076.5		22 8122.5
	5 7985.5		20 8031.5		7 8077.5		23 8123.5
	6 7986.5		21 8032.5		8 8078.5		24 8124.5
	7 7987.5		22 8033.5		9 8079.5		25 8125.5
	8 7988.5		23 8034.5		10 8080.5		26 8126.5
	9 7989.5		24 8035.5		11 8081.5		27 8127.5
	10 7990.5		25 8036.5		12 8082.5		28 8128.5
	11 7991.5		26 8037.5		13 8083.5		29 8129.5
	12 7992.5		27 8038.5		14 8084.5		30 8130.5
	13 7993.5		28 8039.5		15 8085.5		31 8131.5
	14 7994.5	Mar.	1 8040.5		16 8086.5	June	1 8132.5
	15 7995.5		2 8041.5		17 8087.5		2 8133.5
	16 7996.5		3 8042.5		18 8088.5		3 8134.5
	17 7997.5		4 8043.5		19 8089.5		4 8135.5
	18 7998.5		5 8044.5		20 8090.5		5 8136.5
	19 7999.5		6 8045.5		21 8091.5		6 8137.5
	20 8000.5		7 8046.5		22 8092.5		7 8138.5
	21 8001.5		8 8047.5		23 8093.5		8 8139.5
	22 8002.5		9 8048.5		24 8094.5		9 8140.5
	23 8003.5		10 8049.5		25 8095.5		10 8141.5
	24 8004.5		11 8050.5		26 8096.5		11 8142.5
	25 8005.5		12 8051.5		27 8097.5		12 8143.5
	26 8006.5		13 8052.5		28 8098.5		13 8144.5
	27 8007.5		14 8053.5		29 8099.5		14 8145.5
	28 8008.5		15 8054.5		30 8100.5		15 8146.5
	29 8009.5		16 8055.5	May	1 8101.5		16 8147.5
	30 8010.5		17 8056.5		2 8102.5		17 8148.5
	31 8011.5		18 8057.5		3 8103.5		18 8149.5
Feb.	1 8012.5		19 8058.5		4 8104.5		19 8150.5
	2 8013.5		20 8059.5		5 8105.5		20 8151.5
	3 8014.5		21 8060.5		6 8106.5		21 8152.5
	4 8015.5		22 8061.5		7 8107.5		22 8153.5
	5 8016.5		23 8062.5		8 8108.5		23 8154.5
	6 8017.5		24 8063.5		9 8109.5		24 8155.5
	7 8018.5		25 8064.5		10 8110.5		25 8156.5
	8 8019.5		26 8065.5		11 8111.5		26 8157.5
	9 8020.5		27 8066.5		12 8112.5		27 8158.5
	10 8021.5		28 8067.5		13 8113.5		28 8159.5
	11 8022.5		29 8068.5		14 8114.5		29 8160.5
	12 8023.5		30 8069.5		15 8115.5		30 8161.5
	13 8024.5		31 8070.5		16 8116.5	July	1 8162.5
	14 8025.5	Apr.	1 8071.5		17 8117.5		2 8163.5

## JULIAN DAYS, 2045

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>246</b>		<b>246</b>		<b>246</b>		<b>246</b>
July	1 8162.5	Aug.	16 8208.5	Oct.	1 8254.5	Nov.	16 8300.5
	2 8163.5		17 8209.5		2 8255.5		17 8301.5
	3 8164.5		18 8210.5		3 8256.5		18 8302.5
	4 8165.5		19 8211.5		4 8257.5		19 8303.5
	5 8166.5		20 8212.5		5 8258.5		20 8304.5
	6 8167.5		21 8213.5		6 8259.5		21 8305.5
	7 8168.5		22 8214.5		7 8260.5		22 8306.5
	8 8169.5		23 8215.5		8 8261.5		23 8307.5
	9 8170.5		24 8216.5		9 8262.5		24 8308.5
	10 8171.5		25 8217.5		10 8263.5		25 8309.5
	11 8172.5		26 8218.5		11 8264.5		26 8310.5
	12 8173.5		27 8219.5		12 8265.5		27 8311.5
	13 8174.5		28 8220.5		13 8266.5		28 8312.5
	14 8175.5		29 8221.5		14 8267.5		29 8313.5
	15 8176.5		30 8222.5		15 8268.5		30 8314.5
	16 8177.5		31 8223.5		16 8269.5	Dec.	1 8315.5
	17 8178.5	Sept.	1 8224.5		17 8270.5		2 8316.5
	18 8179.5		2 8225.5		18 8271.5		3 8317.5
	19 8180.5		3 8226.5		19 8272.5		4 8318.5
	20 8181.5		4 8227.5		20 8273.5		5 8319.5
	21 8182.5		5 8228.5		21 8274.5		6 8320.5
	22 8183.5		6 8229.5		22 8275.5		7 8321.5
	23 8184.5		7 8230.5		23 8276.5		8 8322.5
	24 8185.5		8 8231.5		24 8277.5		9 8323.5
	25 8186.5		9 8232.5		25 8278.5		10 8324.5
	26 8187.5		10 8233.5		26 8279.5		11 8325.5
	27 8188.5		11 8234.5		27 8280.5		12 8326.5
	28 8189.5		12 8235.5		28 8281.5		13 8327.5
	29 8190.5		13 8236.5		29 8282.5		14 8328.5
	30 8191.5		14 8237.5		30 8283.5		15 8329.5
	31 8192.5		15 8238.5		31 8284.5		16 8330.5
Aug.	1 8193.5		16 8239.5	Nov.	1 8285.5		17 8331.5
	2 8194.5		17 8240.5		2 8286.5		18 8332.5
	3 8195.5		18 8241.5		3 8287.5		19 8333.5
	4 8196.5		19 8242.5		4 8288.5		20 8334.5
	5 8197.5		20 8243.5		5 8289.5		21 8335.5
	6 8198.5		21 8244.5		6 8290.5		22 8336.5
	7 8199.5		22 8245.5		7 8291.5		23 8337.5
	8 8200.5		23 8246.5		8 8292.5		24 8338.5
	9 8201.5		24 8247.5		9 8293.5		25 8339.5
	10 8202.5		25 8248.5		10 8294.5		26 8340.5
	11 8203.5		26 8249.5		11 8295.5		27 8341.5
	12 8204.5		27 8250.5		12 8296.5		28 8342.5
	13 8205.5		28 8251.5		13 8297.5		29 8343.5
	14 8206.5		29 8252.5		14 8298.5		30 8344.5
	15 8207.5		30 8253.5		15 8299.5		31 8345.5

## JULIAN DAYS, 2046

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>246</b>		<b>246</b>		<b>246</b>		<b>246</b>
Jan.	0 8345.5	Feb.	15 8391.5	Apr.	2 8437.5	May	18 8483.5
	1 8346.5		16 8392.5		3 8438.5		19 8484.5
	2 8347.5		17 8393.5		4 8439.5		20 8485.5
	3 8348.5		18 8394.5		5 8440.5		21 8486.5
	4 8349.5		19 8395.5		6 8441.5		22 8487.5
	5 8350.5		20 8396.5		7 8442.5		23 8488.5
	6 8351.5		21 8397.5		8 8443.5		24 8489.5
	7 8352.5		22 8398.5		9 8444.5		25 8490.5
	8 8353.5		23 8399.5		10 8445.5		26 8491.5
	9 8354.5		24 8400.5		11 8446.5		27 8492.5
	10 8355.5		25 8401.5		12 8447.5		28 8493.5
	11 8356.5		26 8402.5		13 8448.5		29 8494.5
	12 8357.5		27 8403.5		14 8449.5		30 8495.5
	13 8358.5		28 8404.5		15 8450.5		31 8496.5
	14 8359.5	Mar.	1 8405.5		16 8451.5	June	1 8497.5
	15 8360.5		2 8406.5		17 8452.5		2 8498.5
	16 8361.5		3 8407.5		18 8453.5		3 8499.5
	17 8362.5		4 8408.5		19 8454.5		4 8500.5
	18 8363.5		5 8409.5		20 8455.5		5 8501.5
	19 8364.5		6 8410.5		21 8456.5		6 8502.5
	20 8365.5		7 8411.5		22 8457.5		7 8503.5
	21 8366.5		8 8412.5		23 8458.5		8 8504.5
	22 8367.5		9 8413.5		24 8459.5		9 8505.5
	23 8368.5		10 8414.5		25 8460.5		10 8506.5
	24 8369.5		11 8415.5		26 8461.5		11 8507.5
	25 8370.5		12 8416.5		27 8462.5		12 8508.5
	26 8371.5		13 8417.5		28 8463.5		13 8509.5
	27 8372.5		14 8418.5		29 8464.5		14 8510.5
	28 8373.5		15 8419.5		30 8465.5		15 8511.5
	29 8374.5		16 8420.5	May	1 8466.5		16 8512.5
	30 8375.5		17 8421.5		2 8467.5		17 8513.5
	31 8376.5		18 8422.5		3 8468.5		18 8514.5
Feb.	1 8377.5		19 8423.5		4 8469.5		19 8515.5
	2 8378.5		20 8424.5		5 8470.5		20 8516.5
	3 8379.5		21 8425.5		6 8471.5		21 8517.5
	4 8380.5		22 8426.5		7 8472.5		22 8518.5
	5 8381.5		23 8427.5		8 8473.5		23 8519.5
	6 8382.5		24 8428.5		9 8474.5		24 8520.5
	7 8383.5		25 8429.5		10 8475.5		25 8521.5
	8 8384.5		26 8430.5		11 8476.5		26 8522.5
	9 8385.5		27 8431.5		12 8477.5		27 8523.5
	10 8386.5		28 8432.5		13 8478.5		28 8524.5
	11 8387.5		29 8433.5		14 8479.5		29 8525.5
	12 8388.5		30 8434.5		15 8480.5		30 8526.5
	13 8389.5		31 8435.5		16 8481.5	July	1 8527.5
	14 8390.5	Apr.	1 8436.5		17 8482.5		2 8528.5

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Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>246</b>		<b>246</b>		<b>246</b>		<b>246</b>
July	1 8527.5	Aug.	16 8573.5	Oct.	1 8619.5	Nov.	16 8665.5
	2 8528.5		17 8574.5		2 8620.5		17 8666.5
	3 8529.5		18 8575.5		3 8621.5		18 8667.5
	4 8530.5		19 8576.5		4 8622.5		19 8668.5
	5 8531.5		20 8577.5		5 8623.5		20 8669.5
	6 8532.5		21 8578.5		6 8624.5		21 8670.5
	7 8533.5		22 8579.5		7 8625.5		22 8671.5
	8 8534.5		23 8580.5		8 8626.5		23 8672.5
	9 8535.5		24 8581.5		9 8627.5		24 8673.5
	10 8536.5		25 8582.5		10 8628.5		25 8674.5
	11 8537.5		26 8583.5		11 8629.5		26 8675.5
	12 8538.5		27 8584.5		12 8630.5		27 8676.5
	13 8539.5		28 8585.5		13 8631.5		28 8677.5
	14 8540.5		29 8586.5		14 8632.5		29 8678.5
	15 8541.5		30 8587.5		15 8633.5		30 8679.5
	16 8542.5		31 8588.5		16 8634.5	Dec.	1 8680.5
	17 8543.5	Sept.	1 8589.5		17 8635.5		2 8681.5
	18 8544.5		2 8590.5		18 8636.5		3 8682.5
	19 8545.5		3 8591.5		19 8637.5		4 8683.5
	20 8546.5		4 8592.5		20 8638.5		5 8684.5
	21 8547.5		5 8593.5		21 8639.5		6 8685.5
	22 8548.5		6 8594.5		22 8640.5		7 8686.5
	23 8549.5		7 8595.5		23 8641.5		8 8687.5
	24 8550.5		8 8596.5		24 8642.5		9 8688.5
	25 8551.5		9 8597.5		25 8643.5		10 8689.5
	26 8552.5		10 8598.5		26 8644.5		11 8690.5
	27 8553.5		11 8599.5		27 8645.5		12 8691.5
	28 8554.5		12 8600.5		28 8646.5		13 8692.5
	29 8555.5		13 8601.5		29 8647.5		14 8693.5
	30 8556.5		14 8602.5		30 8648.5		15 8694.5
	31 8557.5		15 8603.5		31 8649.5		16 8695.5
Aug.	1 8558.5		16 8604.5	Nov.	1 8650.5		17 8696.5
	2 8559.5		17 8605.5		2 8651.5		18 8697.5
	3 8560.5		18 8606.5		3 8652.5		19 8698.5
	4 8561.5		19 8607.5		4 8653.5		20 8699.5
	5 8562.5		20 8608.5		5 8654.5		21 8700.5
	6 8563.5		21 8609.5		6 8655.5		22 8701.5
	7 8564.5		22 8610.5		7 8656.5		23 8702.5
	8 8565.5		23 8611.5		8 8657.5		24 8703.5
	9 8566.5		24 8612.5		9 8658.5		25 8704.5
	10 8567.5		25 8613.5		10 8659.5		26 8705.5
	11 8568.5		26 8614.5		11 8660.5		27 8706.5
	12 8569.5		27 8615.5		12 8661.5		28 8707.5
	13 8570.5		28 8616.5		13 8662.5		29 8708.5
	14 8571.5		29 8617.5		14 8663.5		30 8709.5
	15 8572.5		30 8618.5		15 8664.5		31 8710.5

## JULIAN DAYS, 2047

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>246</b>		<b>246</b>		<b>246</b>		<b>246</b>
Jan.	0 8710.5	Feb.	15 8756.5	Apr.	2 8802.5	May	18 8848.5
	1 8711.5		16 8757.5		3 8803.5		19 8849.5
	2 8712.5		17 8758.5		4 8804.5		20 8850.5
	3 8713.5		18 8759.5		5 8805.5		21 8851.5
	4 8714.5		19 8760.5		6 8806.5		22 8852.5
	5 8715.5		20 8761.5		7 8807.5		23 8853.5
	6 8716.5		21 8762.5		8 8808.5		24 8854.5
	7 8717.5		22 8763.5		9 8809.5		25 8855.5
	8 8718.5		23 8764.5		10 8810.5		26 8856.5
	9 8719.5		24 8765.5		11 8811.5		27 8857.5
	10 8720.5		25 8766.5		12 8812.5		28 8858.5
	11 8721.5		26 8767.5		13 8813.5		29 8859.5
	12 8722.5		27 8768.5		14 8814.5		30 8860.5
	13 8723.5		28 8769.5		15 8815.5		31 8861.5
	14 8724.5	Mar.	1 8770.5		16 8816.5	June	1 8862.5
	15 8725.5		2 8771.5		17 8817.5		2 8863.5
	16 8726.5		3 8772.5		18 8818.5		3 8864.5
	17 8727.5		4 8773.5		19 8819.5		4 8865.5
	18 8728.5		5 8774.5		20 8820.5		5 8866.5
	19 8729.5		6 8775.5		21 8821.5		6 8867.5
	20 8730.5		7 8776.5		22 8822.5		7 8868.5
	21 8731.5		8 8777.5		23 8823.5		8 8869.5
	22 8732.5		9 8778.5		24 8824.5		9 8870.5
	23 8733.5		10 8779.5		25 8825.5		10 8871.5
	24 8734.5		11 8780.5		26 8826.5		11 8872.5
	25 8735.5		12 8781.5		27 8827.5		12 8873.5
	26 8736.5		13 8782.5		28 8828.5		13 8874.5
	27 8737.5		14 8783.5		29 8829.5		14 8875.5
	28 8738.5		15 8784.5		30 8830.5		15 8876.5
	29 8739.5		16 8785.5	May	1 8831.5		16 8877.5
	30 8740.5		17 8786.5		2 8832.5		17 8878.5
	31 8741.5		18 8787.5		3 8833.5		18 8879.5
Feb.	1 8742.5		19 8788.5		4 8834.5		19 8880.5
	2 8743.5		20 8789.5		5 8835.5		20 8881.5
	3 8744.5		21 8790.5		6 8836.5		21 8882.5
	4 8745.5		22 8791.5		7 8837.5		22 8883.5
	5 8746.5		23 8792.5		8 8838.5		23 8884.5
	6 8747.5		24 8793.5		9 8839.5		24 8885.5
	7 8748.5		25 8794.5		10 8840.5		25 8886.5
	8 8749.5		26 8795.5		11 8841.5		26 8887.5
	9 8750.5		27 8796.5		12 8842.5		27 8888.5
	10 8751.5		28 8797.5		13 8843.5		28 8889.5
	11 8752.5		29 8798.5		14 8844.5		29 8890.5
	12 8753.5		30 8799.5		15 8845.5		30 8891.5
	13 8754.5		31 8800.5		16 8846.5	July	1 8892.5
	14 8755.5	Apr.	1 8801.5		17 8847.5		2 8893.5



## JULIAN DAYS, 2047

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>246</b>		<b>246</b>		<b>246</b>		<b>246</b>
July	1 8892.5	Aug.	16 8938.5	Oct.	1 8984.5	Nov.	16 9030.5
	2 8893.5		17 8939.5		2 8985.5		17 9031.5
	3 8894.5		18 8940.5		3 8986.5		18 9032.5
	4 8895.5		19 8941.5		4 8987.5		19 9033.5
	5 8896.5		20 8942.5		5 8988.5		20 9034.5
	6 8897.5		21 8943.5		6 8989.5		21 9035.5
	7 8898.5		22 8944.5		7 8990.5		22 9036.5
	8 8899.5		23 8945.5		8 8991.5		23 9037.5
	9 8900.5		24 8946.5		9 8992.5		24 9038.5
	10 8901.5		25 8947.5		10 8993.5		25 9039.5
	11 8902.5		26 8948.5		11 8994.5		26 9040.5
	12 8903.5		27 8949.5		12 8995.5		27 9041.5
	13 8904.5		28 8950.5		13 8996.5		28 9042.5
	14 8905.5		29 8951.5		14 8997.5		29 9043.5
	15 8906.5		30 8952.5		15 8998.5		30 9044.5
	16 8907.5		31 8953.5		16 8999.5	Dec.	1 9045.5
	17 8908.5	Sept.	1 8954.5		17 9000.5		2 9046.5
	18 8909.5		2 8955.5		18 9001.5		3 9047.5
	19 8910.5		3 8956.5		19 9002.5		4 9048.5
	20 8911.5		4 8957.5		20 9003.5		5 9049.5
	21 8912.5		5 8958.5		21 9004.5		6 9050.5
	22 8913.5		6 8959.5		22 9005.5		7 9051.5
	23 8914.5		7 8960.5		23 9006.5		8 9052.5
	24 8915.5		8 8961.5		24 9007.5		9 9053.5
	25 8916.5		9 8962.5		25 9008.5		10 9054.5
	26 8917.5		10 8963.5		26 9009.5		11 9055.5
	27 8918.5		11 8964.5		27 9010.5		12 9056.5
	28 8919.5		12 8965.5		28 9011.5		13 9057.5
	29 8920.5		13 8966.5		29 9012.5		14 9058.5
	30 8921.5		14 8967.5		30 9013.5		15 9059.5
	31 8922.5		15 8968.5		31 9014.5		16 9060.5
Aug.	1 8923.5		16 8969.5	Nov.	1 9015.5		17 9061.5
	2 8924.5		17 8970.5		2 9016.5		18 9062.5
	3 8925.5		18 8971.5		3 9017.5		19 9063.5
	4 8926.5		19 8972.5		4 9018.5		20 9064.5
	5 8927.5		20 8973.5		5 9019.5		21 9065.5
	6 8928.5		21 8974.5		6 9020.5		22 9066.5
	7 8929.5		22 8975.5		7 9021.5		23 9067.5
	8 8930.5		23 8976.5		8 9022.5		24 9068.5
	9 8931.5		24 8977.5		9 9023.5		25 9069.5
	10 8932.5		25 8978.5		10 9024.5		26 9070.5
	11 8933.5		26 8979.5		11 9025.5		27 9071.5
	12 8934.5		27 8980.5		12 9026.5		28 9072.5
	13 8935.5		28 8981.5		13 9027.5		29 9073.5
	14 8936.5		29 8982.5		14 9028.5		30 9074.5
	15 8937.5		30 8983.5		15 9029.5		31 9075.5

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Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>246</b>		<b>246</b>		<b>246</b>		<b>246</b>
Jan.	0 9075.5	Feb.	15 9121.5	Apr.	1 9167.5	May	17 9213.5
	1 9076.5		16 9122.5		2 9168.5		18 9214.5
	2 9077.5		17 9123.5		3 9169.5		10 9215.5
	3 9078.5		18 9124.5		4 9170.5		20 9216.5
	4 9079.5		19 9125.5		5 9171.5		21 9217.5
	5 9080.5		20 9126.5		6 9172.5		22 9218.5
	6 9081.5		21 9127.5		7 9173.5		23 9219.5
	7 9082.5		22 9128.5		8 9174.5		24 9220.5
	8 9083.5		23 9129.5		9 9175.5		25 9221.5
	9 9084.5		24 9130.5		10 9176.5		26 9222.5
	10 9085.5		25 9131.5		11 9177.5		27 9223.5
	11 9086.5		26 9132.5		12 9178.5		28 9224.5
	12 9087.5		27 9133.5		13 9179.5		29 9225.5
	13 9088.5		28 9134.5		14 9180.5		30 9226.5
	14 9089.5		29 9135.5		15 9181.5		31 9227.5
	15 9090.5	Mar.	1 9136.5		16 9182.5	June	1 9228.5
	16 9091.5		2 9137.5		17 9183.5		2 9229.5
	17 9092.5		3 9138.5		18 9184.5		3 9230.5
	18 9093.5		4 9139.5		19 9185.5		4 9231.5
	19 9094.5		5 9140.5		20 9186.5		5 9232.5
	20 9095.5		6 9141.5		21 9187.5		6 9233.5
	21 9096.5		7 9142.5		22 9188.5		7 9234.5
	22 9097.5		8 9143.5		23 9189.5		8 9235.5
	23 9098.5		9 9144.5		24 9190.5		9 9236.5
	24 9099.5		10 9145.5		25 9191.5		10 9237.5
	25 9100.5		11 9146.5		26 9192.5		11 9238.5
	26 9101.5		12 9147.5		27 9193.5		12 9239.5
	27 9102.5		13 9148.5		28 9194.5		13 9240.5
	28 9103.5		14 9149.5		29 9195.5		14 9241.5
	29 9104.5		15 9150.5		30 9196.5		15 9242.5
	30 9105.5		16 9151.5	May	1 9197.5		16 9243.5
	31 9106.5		17 9152.5		2 9198.5		17 9244.5
Feb.	1 9107.5		18 9153.5		3 9199.5		18 9245.5
	2 9108.5		19 9154.5		4 9200.5		19 9246.5
	3 9109.5		20 9155.5		5 9201.5		20 9247.5
	4 9110.5		21 9156.5		6 9202.5		21 9248.5
	5 9111.5		22 9157.5		7 9203.5		22 9249.5
	6 9112.5		23 9158.5		8 9204.5		23 9250.5
	7 9113.5		24 9159.5		9 9205.5		24 9251.5
	8 9114.5		25 9160.5		10 9206.5		25 9252.5
	9 9115.5		26 9161.5		11 9207.5		26 9253.5
	10 9116.5		27 9162.5		12 9208.5		27 9254.5
	11 9117.5		28 9163.5		13 9209.5		28 9255.5
	12 9118.5		29 9164.5		14 9210.5		29 9256.5
	13 9119.5		30 9165.5		15 9211.5		30 9257.5
	14 9120.5		31 9166.5		16 9212.5	July	1 9258.5

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Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>246</b>		<b>246</b>		<b>246</b>		<b>246</b>
July	1 9258.5	Aug.	16 9304.5	Oct.	1 9350.5	Nov.	16 9396.5
	2 9259.5		17 9305.5		2 9351.5		17 9397.5
	3 9260.5		18 9306.5		3 9352.5		18 9398.5
	4 9261.5		19 9307.5		4 9353.5		19 9399.5
	5 9262.5		20 9308.5		5 9354.5		20 9400.5
	6 9263.5		21 9309.5		6 9355.5		21 9401.5
	7 9264.5		22 9310.5		7 9356.5		22 9402.5
	8 9265.5		23 9311.5		8 9357.5		23 9403.5
	9 9266.5		24 9312.5		9 9358.5		24 9404.5
	10 9267.5		25 9313.5		10 9359.5		25 9405.5
	11 9268.5		26 9314.5		11 9360.5		26 9406.5
	12 9269.5		27 9315.5		12 9361.5		27 9407.5
	13 9270.5		28 9316.5		13 9362.5		28 9408.5
	14 9271.5		29 9317.5		14 9363.5		29 9409.5
	15 9272.5		30 9318.5		15 9364.5		30 9410.5
	16 9273.5		31 9319.5		16 9365.5	Dec.	1 9411.5
	17 9274.5	Sept.	1 9320.5		17 9366.5		2 9412.5
	18 9275.5		2 9321.5		18 9367.5		3 9413.5
	19 9276.5		3 9322.5		19 9368.5		4 9414.5
	20 9277.5		4 9323.5		20 9369.5		5 9415.5
	21 9278.5		5 9324.5		21 9370.5		6 9416.5
	22 9279.5		6 9325.5		22 9371.5		7 9417.5
	23 9280.5		7 9326.5		23 9372.5		8 9418.5
	24 9281.5		8 9327.5		24 9373.5		9 9419.5
	25 9282.5		9 9328.5		25 9374.5		10 9420.5
	26 9283.5		10 9329.5		26 9375.5		11 9421.5
	27 9284.5		11 9330.5		27 9376.5		12 9422.5
	28 9285.5		12 9331.5		28 9377.5		13 9423.5
	29 9286.5		13 9332.5		29 9378.5		14 9424.5
	30 9287.5		14 9333.5		30 9379.5		15 9425.5
	31 9288.5		15 9334.5		31 9380.5		16 9426.5
Aug.	1 9289.5		16 9335.5	Nov.	1 9381.5		17 9427.5
	2 9290.5		17 9336.5		2 9382.5		18 9428.5
	3 9291.5		18 9337.5		3 9383.5		19 9429.5
	4 9292.5		19 9338.5		4 9384.5		20 9430.5
	5 9293.5		20 9339.5		5 9385.5		21 9431.5
	6 9294.5		21 9340.5		6 9386.5		22 9432.5
	7 9295.5		22 9341.5		7 9387.5		23 9433.5
	8 9296.5		23 9342.5		8 9388.5		24 9434.5
	9 9297.5		24 9343.5		9 9389.5		25 9435.5
	10 9298.5		25 9344.5		10 9390.5		26 9436.5
	11 9299.5		26 9345.5		11 9391.5		27 9437.5
	12 9300.5		27 9346.5		12 9392.5		28 9438.5
	13 9301.5		28 9347.5		13 9393.5		29 9439.5
	14 9302.5		29 9348.5		14 9394.5		30 9440.5
	15 9303.5		30 9349.5		15 9395.5		31 9441.5

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Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>246</b>		<b>246</b>		<b>246</b>		<b>246</b>
Jan.	0 9441.5	Feb.	15 9487.5	Apr.	2 9533.5	May	18 9579.5
	1 9442.5		16 9488.5		3 9534.5		19 9580.5
	2 9443.5		17 9489.5		4 9535.5		20 9581.5
	3 9444.5		18 9490.5		5 9536.5		21 9582.5
	4 9445.5		19 9491.5		6 9537.5		22 9583.5
	5 9446.5		20 9492.5		7 9538.5		23 9584.5
	6 9447.5		21 9493.5		8 9539.5		24 9585.5
	7 9448.5		22 9494.5		9 9540.5		25 9586.5
	8 9449.5		23 9495.5		10 9541.5		26 9587.5
	9 9450.5		24 9496.5		11 9542.5		27 9588.5
	10 9451.5		25 9497.5		12 9543.5		28 9589.5
	11 9452.5		26 9498.5		13 9544.5		29 9590.5
	12 9453.5		27 9499.5		14 9545.5		30 9591.5
	13 9454.5		28 9500.5		15 9546.5		31 9592.5
	14 9455.5	Mar.	1 9501.5		16 9547.5	June	1 9593.5
	15 9456.5		2 9502.5		17 9548.5		2 9594.5
	16 9457.5		3 9503.5		18 9549.5		3 9595.5
	17 9458.5		4 9504.5		19 9550.5		4 9596.5
	18 9459.5		5 9505.5		20 9551.5		5 9597.5
	19 9460.5		6 9506.5		21 9552.5		6 9598.5
	20 9461.5		7 9507.5		22 9553.5		7 9599.5
	21 9462.5		8 9508.5		23 9554.5		8 9600.5
	22 9463.5		9 9509.5		24 9555.5		9 9601.5
	23 9464.5		10 9510.5		25 9556.5		10 9602.5
	24 9465.5		11 9511.5		26 9557.5		11 9603.5
	25 9466.5		12 9512.5		27 9558.5		12 9604.5
	26 9467.5		13 9513.5		28 9559.5		13 9605.5
	27 9468.5		14 9514.5		29 9560.5		14 9606.5
	28 9469.5		15 9515.5		30 9561.5		15 9607.5
	29 9470.5		16 9516.5	May	1 9562.5		16 9608.5
	30 9471.5		17 9517.5		2 9563.5		17 9609.5
	31 9472.5		18 9518.5		3 9564.5		18 9610.5
Feb.	1 9473.5		19 9519.5		4 9565.5		19 9611.5
	2 9474.5		20 9520.5		5 9566.5		20 9612.5
	3 9475.5		21 9521.5		6 9567.5		21 9613.5
	4 9476.5		22 9522.5		7 9568.5		22 9614.5
	5 9477.5		23 9523.5		8 9569.5		23 9615.5
	6 9478.5		24 9524.5		9 9570.5		24 9616.5
	7 9479.5		25 9525.5		10 9571.5		25 9617.5
	8 9480.5		26 9526.5		11 9572.5		26 9618.5
	9 9481.5		27 9527.5		12 9573.5		27 9619.5
	10 9482.5		28 9528.5		13 9574.5		28 9620.5
	11 9483.5		29 9529.5		14 9575.5		29 9621.5
	12 9484.5		30 9530.5		15 9576.5		30 9622.5
	13 9485.5		31 9531.5		16 9577.5	July	1 9623.5
	14 9486.5	Apr.	1 9532.5		17 9578.5		2 9624.5

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Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>246</b>		<b>246</b>		<b>246</b>		<b>246</b>
July	1 9623.5	Aug.	16 9669.5	Oct.	1 9715.5	Nov.	16 9761.5
	2 9624.5		17 9670.5		2 9716.5		17 9762.5
	3 9625.5		18 9671.5		3 9717.5		18 9763.5
	4 9626.5		19 9672.5		4 9718.5		19 9764.5
	5 9627.5		20 9673.5		5 9719.5		20 9765.5
	6 9628.5		21 9674.5		6 9720.5		21 9766.5
	7 9629.5		22 9675.5		7 9721.5		22 9767.5
	8 9630.5		23 9676.5		8 9722.5		23 9768.5
	9 9631.5		24 9677.5		9 9723.5		24 9769.5
	10 9632.5		25 9678.5		10 9724.5		25 9770.5
	11 9633.5		26 9679.5		11 9725.5		26 9771.5
	12 9634.5		27 9680.5		12 9726.5		27 9772.5
	13 9635.5		28 9681.5		13 9727.5		28 9773.5
	14 9636.5		29 9682.5		14 9728.5		29 9774.5
	15 9637.5		30 9683.5		15 9729.5		30 9775.5
	16 9638.5		31 9684.5		16 9730.5	Dec.	1 9776.5
	17 9639.5	Sept.	1 9685.5		17 9731.5		2 9777.5
	18 9640.5		2 9686.5		18 9732.5		3 9778.5
	19 9641.5		3 9687.5		19 9733.5		4 9779.5
	20 9642.5		4 9688.5		20 9734.5		5 9780.5
	21 9643.5		5 9689.5		21 9735.5		6 9781.5
	22 9644.5		6 9690.5		22 9736.5		7 9782.5
	23 9645.5		7 9691.5		23 9737.5		8 9783.5
	24 9646.5		8 9692.5		24 9738.5		9 9784.5
	25 9647.5		9 9693.5		25 9739.5		10 9785.5
	26 9648.5		10 9694.5		26 9740.5		11 9786.5
	27 9649.5		11 9695.5		27 9741.5		12 9787.5
	28 9650.5		12 9696.5		28 9742.5		13 9788.5
	29 9651.5		13 9697.5		29 9743.5		14 9789.5
	30 9652.5		14 9698.5		30 9744.5		15 9790.5
	31 9653.5		15 9699.5		31 9745.5		16 9791.5
Aug.	1 9654.5		16 9700.5	Nov.	1 9746.5		17 9792.5
	2 9655.5		17 9701.5		2 9747.5		18 9793.5
	3 9656.5		18 9702.5		3 9748.5		19 9794.5
	4 9657.5		19 9703.5		4 9749.5		20 9795.5
	5 9658.5		20 9704.5		5 9750.5		21 9796.5
	6 9659.5		21 9705.5		6 9751.5		22 9797.5
	7 9660.5		22 9706.5		7 9752.5		23 9798.5
	8 9661.5		23 9707.5		8 9753.5		24 9799.5
	9 9662.5		24 9708.5		9 9754.5		25 9800.5
	10 9663.5		25 9709.5		10 9755.5		26 9801.5
	11 9664.5		26 9710.5		11 9756.5		27 9802.5
	12 9665.5		27 9711.5		12 9757.5		28 9803.5
	13 9666.5		28 9712.5		13 9758.5		29 9804.5
	14 9667.5		29 9713.5		14 9759.5		30 9805.5
	15 9668.5		30 9714.5		15 9760.5		31 9806.5

## JULIAN DAYS, 2050

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>246</b>		<b>246</b>		<b>246</b>		<b>246</b>
Jan.	0 <b>9806.5</b>	Feb.	15 <b>9852.5</b>	Apr.	2 <b>9898.5</b>	May	18 <b>9944.5</b>
	1 <b>9807.5</b>		16 <b>9853.5</b>		3 <b>9899.5</b>		19 <b>9945.5</b>
	2 <b>9808.5</b>		17 <b>9854.5</b>		4 <b>9900.5</b>		20 <b>9946.5</b>
	3 <b>9809.5</b>		18 <b>9855.5</b>		5 <b>9901.5</b>		21 <b>9947.5</b>
	4 <b>9810.5</b>		19 <b>9856.5</b>		6 <b>9902.5</b>		22 <b>9948.5</b>
	5 <b>9811.5</b>		20 <b>9857.5</b>		7 <b>9903.5</b>		23 <b>9949.5</b>
	6 <b>9812.5</b>		21 <b>9858.5</b>		8 <b>9904.5</b>		24 <b>9950.5</b>
	7 <b>9813.5</b>		22 <b>9859.5</b>		9 <b>9905.5</b>		25 <b>9951.5</b>
	8 <b>9814.5</b>		23 <b>9860.5</b>		10 <b>9906.5</b>		26 <b>9952.5</b>
	9 <b>9815.5</b>		24 <b>9861.5</b>		11 <b>9907.5</b>		27 <b>9953.5</b>
	10 <b>9816.5</b>		25 <b>9862.5</b>		12 <b>9908.5</b>		28 <b>9954.5</b>
	11 <b>9817.5</b>		26 <b>9863.5</b>		13 <b>9909.5</b>		29 <b>9955.5</b>
	12 <b>9818.5</b>		27 <b>9864.5</b>		14 <b>9910.5</b>		30 <b>9956.5</b>
	13 <b>9819.5</b>		28 <b>9865.5</b>		15 <b>9911.5</b>		31 <b>9957.5</b>
	14 <b>9820.5</b>	Mar.	1 <b>9866.5</b>		16 <b>9912.5</b>	June	1 <b>9958.5</b>
	15 <b>9821.5</b>		2 <b>9867.5</b>		17 <b>9913.5</b>		2 <b>9959.5</b>
	16 <b>9822.5</b>		3 <b>9868.5</b>		18 <b>9914.5</b>		3 <b>9960.5</b>
	17 <b>9823.5</b>		4 <b>9869.5</b>		19 <b>9915.5</b>		4 <b>9961.5</b>
	18 <b>9824.5</b>		5 <b>9870.5</b>		20 <b>9916.5</b>		5 <b>9962.5</b>
	19 <b>9825.5</b>		6 <b>9871.5</b>		21 <b>9917.5</b>		6 <b>9963.5</b>
	20 <b>9826.5</b>		7 <b>9872.5</b>		22 <b>9918.5</b>		7 <b>9964.5</b>
	21 <b>9827.5</b>		8 <b>9873.5</b>		23 <b>9919.5</b>		8 <b>9965.5</b>
	22 <b>9828.5</b>		9 <b>9874.5</b>		24 <b>9920.5</b>		9 <b>9966.5</b>
	23 <b>9829.5</b>		10 <b>9875.5</b>		25 <b>9921.5</b>		10 <b>9967.5</b>
	24 <b>9830.5</b>		11 <b>9876.5</b>		26 <b>9922.5</b>		11 <b>9968.5</b>
	25 <b>9831.5</b>		12 <b>9877.5</b>		27 <b>9923.5</b>		12 <b>9969.5</b>
	26 <b>9832.5</b>		13 <b>9878.5</b>		28 <b>9924.5</b>		13 <b>9970.5</b>
	27 <b>9833.5</b>		14 <b>9879.5</b>		29 <b>9925.5</b>		14 <b>9971.5</b>
	28 <b>9834.5</b>		15 <b>9880.5</b>		30 <b>9926.5</b>		15 <b>9972.5</b>
	29 <b>9835.5</b>		16 <b>9881.5</b>	May	1 <b>9927.5</b>		16 <b>9973.5</b>
	30 <b>9836.5</b>		17 <b>9882.5</b>		2 <b>9928.5</b>		17 <b>9974.5</b>
	31 <b>9837.5</b>		18 <b>9883.5</b>		3 <b>9929.5</b>		18 <b>9975.5</b>
Feb.	1 <b>9838.5</b>		19 <b>9884.5</b>		4 <b>9930.5</b>		19 <b>9976.5</b>
	2 <b>9839.5</b>		20 <b>9885.5</b>		5 <b>9931.5</b>		20 <b>9977.5</b>
	3 <b>9840.5</b>		21 <b>9886.5</b>		6 <b>9932.5</b>		21 <b>9978.5</b>
	4 <b>9841.5</b>		22 <b>9887.5</b>		7 <b>9933.5</b>		22 <b>9979.5</b>
	5 <b>9842.5</b>		23 <b>9888.5</b>		8 <b>9934.5</b>		23 <b>9980.5</b>
	6 <b>9843.5</b>		24 <b>9889.5</b>		9 <b>9935.5</b>		24 <b>9981.5</b>
	7 <b>9844.5</b>		25 <b>9890.5</b>		10 <b>9936.5</b>		25 <b>9982.5</b>
	8 <b>9845.5</b>		26 <b>9891.5</b>		11 <b>9937.5</b>		26 <b>9983.5</b>
	9 <b>9846.5</b>		27 <b>9892.5</b>		12 <b>9938.5</b>		27 <b>9984.5</b>
	10 <b>9847.5</b>		28 <b>9893.5</b>		13 <b>9939.5</b>		28 <b>9985.5</b>
	11 <b>9848.5</b>		29 <b>9894.5</b>		14 <b>9940.5</b>		29 <b>9986.5</b>
	12 <b>9849.5</b>		30 <b>9895.5</b>		15 <b>9941.5</b>		30 <b>9987.5</b>
	13 <b>9850.5</b>		31 <b>9896.5</b>		16 <b>9942.5</b>	July	1 <b>9988.5</b>
	14 <b>9851.5</b>	Apr.	1 <b>9897.5</b>		17 <b>9943.5</b>		2 <b>9989.5</b>

## JULIAN DAYS, 2050

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>246/7</b>		<b>247</b>		<b>247</b>		<b>247</b>
July	1 <b>9988.5</b>	Aug.	16 <b>0034.5</b>	Oct.	1 <b>0080.5</b>	Nov.	16 <b>0126.5</b>
	2 <b>9989.5</b>		17 <b>0035.5</b>		2 <b>0081.5</b>		17 <b>0127.5</b>
	3 <b>9990.5</b>		18 <b>0036.5</b>		3 <b>0082.5</b>		18 <b>0128.5</b>
	4 <b>9991.5</b>		19 <b>0037.5</b>		4 <b>0083.5</b>		19 <b>0129.5</b>
	5 <b>9992.5</b>		20 <b>0038.5</b>		5 <b>0084.5</b>		20 <b>0130.5</b>
	6 <b>9993.5</b>		21 <b>0039.5</b>		6 <b>0085.5</b>		21 <b>0131.5</b>
	7 <b>9994.5</b>		22 <b>0040.5</b>		7 <b>0086.5</b>		22 <b>0132.5</b>
	8 <b>9995.5</b>		23 <b>0041.5</b>		8 <b>0087.5</b>		23 <b>0133.5</b>
	9 <b>9996.5</b>		24 <b>0042.5</b>		9 <b>0088.5</b>		24 <b>0134.5</b>
	10 <b>9997.5</b>		25 <b>0043.5</b>		10 <b>0089.5</b>		25 <b>0135.5</b>
	11 <b>9998.5</b>		26 <b>0044.5</b>		11 <b>0090.5</b>		26 <b>0136.5</b>
	12 <b>9999.5</b>		27 <b>0045.5</b>		12 <b>0091.5</b>		27 <b>0137.5</b>
	13 <b>0000.5</b>		28 <b>0046.5</b>		13 <b>0092.5</b>		28 <b>0138.5</b>
	14 <b>0001.5</b>		29 <b>0047.5</b>		14 <b>0093.5</b>		29 <b>0139.5</b>
	15 <b>0002.5</b>		30 <b>0048.5</b>		15 <b>0094.5</b>		30 <b>0140.5</b>
	16 <b>0003.5</b>		31 <b>0049.5</b>		16 <b>0095.5</b>	Dec.	1 <b>0141.5</b>
	17 <b>0004.5</b>	Sept.	1 <b>0050.5</b>		17 <b>0096.5</b>		2 <b>0142.5</b>
	18 <b>0005.5</b>		2 <b>0051.5</b>		18 <b>0097.5</b>		3 <b>0143.5</b>
	19 <b>0006.5</b>		3 <b>0052.5</b>		19 <b>0098.5</b>		4 <b>0144.5</b>
	20 <b>0007.5</b>		4 <b>0053.5</b>		20 <b>0099.5</b>		5 <b>0145.5</b>
	21 <b>0008.5</b>		5 <b>0054.5</b>		21 <b>0100.5</b>		6 <b>0146.5</b>
	22 <b>0009.5</b>		6 <b>0055.5</b>		22 <b>0101.5</b>		7 <b>0147.5</b>
	23 <b>0010.5</b>		7 <b>0056.5</b>		23 <b>0102.5</b>		8 <b>0148.5</b>
	24 <b>0011.5</b>		8 <b>0057.5</b>		24 <b>0103.5</b>		9 <b>0149.5</b>
	25 <b>0012.5</b>		9 <b>0058.5</b>		25 <b>0104.5</b>		10 <b>0150.5</b>
	26 <b>0013.5</b>		10 <b>0059.5</b>		26 <b>0105.5</b>		11 <b>0151.5</b>
	27 <b>0014.5</b>		11 <b>0060.5</b>		27 <b>0106.5</b>		12 <b>0152.5</b>
	28 <b>0015.5</b>		12 <b>0061.5</b>		28 <b>0107.5</b>		13 <b>0153.5</b>
	29 <b>0016.5</b>		13 <b>0062.5</b>		29 <b>0108.5</b>		14 <b>0154.5</b>
	30 <b>0017.5</b>		14 <b>0063.5</b>		30 <b>0109.5</b>		15 <b>0155.5</b>
	31 <b>0018.5</b>		15 <b>0064.5</b>		31 <b>0110.5</b>		16 <b>0156.5</b>
Aug.	1 <b>0019.5</b>		16 <b>0065.5</b>	Nov.	1 <b>0111.5</b>		17 <b>0157.5</b>
	2 <b>0020.5</b>		17 <b>0066.5</b>		2 <b>0112.5</b>		18 <b>0158.5</b>
	3 <b>0021.5</b>		18 <b>0067.5</b>		3 <b>0113.5</b>		19 <b>0159.5</b>
	4 <b>0022.5</b>		19 <b>0068.5</b>		4 <b>0114.5</b>		20 <b>0160.5</b>
	5 <b>0023.5</b>		20 <b>0069.5</b>		5 <b>0115.5</b>		21 <b>0161.5</b>
	6 <b>0024.5</b>		21 <b>0070.5</b>		6 <b>0116.5</b>		22 <b>0162.5</b>
	7 <b>0025.5</b>		22 <b>0071.5</b>		7 <b>0117.5</b>		23 <b>0163.5</b>
	8 <b>0026.5</b>		23 <b>0072.5</b>		8 <b>0118.5</b>		24 <b>0164.5</b>
	9 <b>0027.5</b>		24 <b>0073.5</b>		9 <b>0119.5</b>		25 <b>0165.5</b>
	10 <b>0028.5</b>		25 <b>0074.5</b>		10 <b>0120.5</b>		26 <b>0166.5</b>
	11 <b>0029.5</b>		26 <b>0075.5</b>		11 <b>0121.5</b>		27 <b>0167.5</b>
	12 <b>0030.5</b>		27 <b>0076.5</b>		12 <b>0122.5</b>		28 <b>0168.5</b>
	13 <b>0031.5</b>		28 <b>0077.5</b>		13 <b>0123.5</b>		29 <b>0169.5</b>
	14 <b>0032.5</b>		29 <b>0078.5</b>		14 <b>0124.5</b>		30 <b>0170.5</b>
	15 <b>0033.5</b>		30 <b>0079.5</b>		15 <b>0125.5</b>		31 <b>0171.5</b>

# JULIAN DAYS, 2051

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>247</b>		<b>247</b>		<b>247</b>		<b>247</b>
Jan.	0 <b>0171.5</b>	Feb.	15 <b>0217.5</b>	Apr.	2 <b>0263.5</b>	May	18 <b>0309.5</b>
	1 <b>0172.5</b>		16 <b>0218.5</b>		3 <b>0264.5</b>		19 <b>0310.5</b>
	2 <b>0173.5</b>		17 <b>0219.5</b>		4 <b>0265.5</b>		20 <b>0311.5</b>
	3 <b>0174.5</b>		18 <b>0220.5</b>		5 <b>0266.5</b>		21 <b>0312.5</b>
	4 <b>0175.5</b>		19 <b>0221.5</b>		6 <b>0267.5</b>		22 <b>0313.5</b>
	5 <b>0176.5</b>		20 <b>0222.5</b>		7 <b>0268.5</b>		23 <b>0314.5</b>
	6 <b>0177.5</b>		21 <b>0223.5</b>		8 <b>0269.5</b>		24 <b>0315.5</b>
	7 <b>0178.5</b>		22 <b>0224.5</b>		9 <b>0270.5</b>		25 <b>0316.5</b>
	8 <b>0179.5</b>		23 <b>0225.5</b>		10 <b>0271.5</b>		26 <b>0317.5</b>
	9 <b>0180.5</b>		24 <b>0226.5</b>		11 <b>0272.5</b>		27 <b>0318.5</b>
	10 <b>0181.5</b>		25 <b>0227.5</b>		12 <b>0273.5</b>		28 <b>0319.5</b>
	11 <b>0182.5</b>		26 <b>0228.5</b>		13 <b>0274.5</b>		29 <b>0320.5</b>
	12 <b>0183.5</b>		27 <b>0229.5</b>		14 <b>0275.5</b>		30 <b>0321.5</b>
	13 <b>0184.5</b>		28 <b>0230.5</b>		15 <b>0276.5</b>		31 <b>0322.5</b>
	14 <b>0185.5</b>	Mar.	1 <b>0231.5</b>		16 <b>0277.5</b>	June	1 <b>0323.5</b>
	15 <b>0186.5</b>		2 <b>0232.5</b>		17 <b>0278.5</b>		2 <b>0324.5</b>
	16 <b>0187.5</b>		3 <b>0233.5</b>		18 <b>0279.5</b>		3 <b>0325.5</b>
	17 <b>0188.5</b>		4 <b>0234.5</b>		19 <b>0280.5</b>		4 <b>0326.5</b>
	18 <b>0189.5</b>		5 <b>0235.5</b>		20 <b>0281.5</b>		5 <b>0327.5</b>
	19 <b>0190.5</b>		6 <b>0236.5</b>		21 <b>0282.5</b>		6 <b>0328.5</b>
	20 <b>0191.5</b>		7 <b>0237.5</b>		22 <b>0283.5</b>		7 <b>0329.5</b>
	21 <b>0192.5</b>		8 <b>0238.5</b>		23 <b>0284.5</b>		8 <b>0330.5</b>
	22 <b>0193.5</b>		9 <b>0239.5</b>		24 <b>0285.5</b>		9 <b>0331.5</b>
	23 <b>0194.5</b>		10 <b>0240.5</b>		25 <b>0286.5</b>		10 <b>0332.5</b>
	24 <b>0195.5</b>		11 <b>0241.5</b>		26 <b>0287.5</b>		11 <b>0333.5</b>
	25 <b>0196.5</b>		12 <b>0242.5</b>		27 <b>0288.5</b>		12 <b>0334.5</b>
	26 <b>0197.5</b>		13 <b>0243.5</b>		28 <b>0289.5</b>		13 <b>0335.5</b>
	27 <b>0198.5</b>		14 <b>0244.5</b>		29 <b>0290.5</b>		14 <b>0336.5</b>
	28 <b>0199.5</b>		15 <b>0245.5</b>		30 <b>0291.5</b>		15 <b>0337.5</b>
	29 <b>0200.5</b>		16 <b>0246.5</b>	May	1 <b>0292.5</b>		16 <b>0338.5</b>
	30 <b>0201.5</b>		17 <b>0247.5</b>		2 <b>0293.5</b>		17 <b>0339.5</b>
	31 <b>0202.5</b>		18 <b>0248.5</b>		3 <b>0294.5</b>		18 <b>0340.5</b>
Feb.	1 <b>0203.5</b>		19 <b>0249.5</b>		4 <b>0295.5</b>		19 <b>0341.5</b>
	2 <b>0204.5</b>		20 <b>0250.5</b>		5 <b>0296.5</b>		20 <b>0342.5</b>
	3 <b>0205.5</b>		21 <b>0251.5</b>		6 <b>0297.5</b>		21 <b>0343.5</b>
	4 <b>0206.5</b>		22 <b>0252.5</b>		7 <b>0298.5</b>		22 <b>0344.5</b>
	5 <b>0207.5</b>		23 <b>0253.5</b>		8 <b>0299.5</b>		23 <b>0345.5</b>
	6 <b>0208.5</b>		24 <b>0254.5</b>		9 <b>0300.5</b>		24 <b>0346.5</b>
	7 <b>0209.5</b>		25 <b>0255.5</b>		10 <b>0301.5</b>		25 <b>0347.5</b>
	8 <b>0210.5</b>		26 <b>0256.5</b>		11 <b>0302.5</b>		26 <b>0348.5</b>
	9 <b>0211.5</b>		27 <b>0257.5</b>		12 <b>0303.5</b>		27 <b>0349.5</b>
	10 <b>0212.5</b>		28 <b>0258.5</b>		13 <b>0304.5</b>		28 <b>0350.5</b>
	11 <b>0213.5</b>		29 <b>0259.5</b>		14 <b>0305.5</b>		29 <b>0351.5</b>
	12 <b>0214.5</b>		30 <b>0260.5</b>		15 <b>0306.5</b>		30 <b>0352.5</b>
	13 <b>0215.5</b>		31 <b>0261.5</b>		16 <b>0307.5</b>	July	1 <b>0353.5</b>
	14 <b>0216.5</b>	Apr.	1 <b>0262.5</b>		17 <b>0308.5</b>		2 <b>0354.5</b>



## JULIAN DAYS, 2051

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>247</b>		<b>247</b>		<b>247</b>		<b>247</b>
July	1 <b>0353.5</b>	Aug.	16 <b>0399.5</b>	Oct.	1 <b>0445.5</b>	Nov.	16 <b>0491.5</b>
	2 <b>0354.5</b>		17 <b>0400.5</b>		2 <b>0446.5</b>		17 <b>0492.5</b>
	3 <b>0355.5</b>		18 <b>0401.5</b>		3 <b>0447.5</b>		18 <b>0493.5</b>
	4 <b>0356.5</b>		19 <b>0402.5</b>		4 <b>0448.5</b>		19 <b>0494.5</b>
	5 <b>0357.5</b>		20 <b>0403.5</b>		5 <b>0449.5</b>		20 <b>0495.5</b>
	6 <b>0358.5</b>		21 <b>0404.5</b>		6 <b>0450.5</b>		21 <b>0496.5</b>
	7 <b>0359.5</b>		22 <b>0405.5</b>		7 <b>0451.5</b>		22 <b>0497.5</b>
	8 <b>0360.5</b>		23 <b>0406.5</b>		8 <b>0452.5</b>		23 <b>0498.5</b>
	9 <b>0361.5</b>		24 <b>0407.5</b>		9 <b>0453.5</b>		24 <b>0499.5</b>
	10 <b>0362.5</b>		25 <b>0408.5</b>		10 <b>0454.5</b>		25 <b>0500.5</b>
	11 <b>0363.5</b>		26 <b>0409.5</b>		11 <b>0455.5</b>		26 <b>0501.5</b>
	12 <b>0364.5</b>		27 <b>0410.5</b>		12 <b>0456.5</b>		27 <b>0502.5</b>
	13 <b>0365.5</b>		28 <b>0411.5</b>		13 <b>0457.5</b>		28 <b>0503.5</b>
	14 <b>0366.5</b>		29 <b>0412.5</b>		14 <b>0458.5</b>		29 <b>0504.5</b>
	15 <b>0367.5</b>		30 <b>0413.5</b>		15 <b>0459.5</b>		30 <b>0505.5</b>
	16 <b>0368.5</b>		31 <b>0414.5</b>		16 <b>0460.5</b>	Dec.	1 <b>0506.5</b>
	17 <b>0369.5</b>	Sept.	1 <b>0415.5</b>		17 <b>0461.5</b>		2 <b>0507.5</b>
	18 <b>0370.5</b>		2 <b>0416.5</b>		18 <b>0462.5</b>		3 <b>0508.5</b>
	19 <b>0371.5</b>		3 <b>0417.5</b>		19 <b>0463.5</b>		4 <b>0509.5</b>
	20 <b>0372.5</b>		4 <b>0418.5</b>		20 <b>0464.5</b>		5 <b>0510.5</b>
	21 <b>0373.5</b>		5 <b>0419.5</b>		21 <b>0465.5</b>		6 <b>0511.5</b>
	22 <b>0374.5</b>		6 <b>0420.5</b>		22 <b>0466.5</b>		7 <b>0512.5</b>
	23 <b>0375.5</b>		7 <b>0421.5</b>		23 <b>0467.5</b>		8 <b>0513.5</b>
	24 <b>0376.5</b>		8 <b>0422.5</b>		24 <b>0468.5</b>		9 <b>0514.5</b>
	25 <b>0377.5</b>		9 <b>0423.5</b>		25 <b>0469.5</b>		10 <b>0515.5</b>
	26 <b>0378.5</b>		10 <b>0424.5</b>		26 <b>0470.5</b>		11 <b>0516.5</b>
	27 <b>0379.5</b>		11 <b>0425.5</b>		27 <b>0471.5</b>		12 <b>0517.5</b>
	28 <b>0380.5</b>		12 <b>0426.5</b>		28 <b>0472.5</b>		13 <b>0518.5</b>
	29 <b>0381.5</b>		13 <b>0427.5</b>		29 <b>0473.5</b>		14 <b>0519.5</b>
	30 <b>0382.5</b>		14 <b>0428.5</b>		30 <b>0474.5</b>		15 <b>0520.5</b>
	31 <b>0383.5</b>		15 <b>0429.5</b>		31 <b>0475.5</b>		16 <b>0521.5</b>
Aug.	1 <b>0384.5</b>		16 <b>0430.5</b>	Nov.	1 <b>0476.5</b>		17 <b>0522.5</b>
	2 <b>0385.5</b>		17 <b>0431.5</b>		2 <b>0477.5</b>		18 <b>0523.5</b>
	3 <b>0386.5</b>		18 <b>0432.5</b>		3 <b>0478.5</b>		19 <b>0524.5</b>
	4 <b>0387.5</b>		19 <b>0433.5</b>		4 <b>0479.5</b>		20 <b>0525.5</b>
	5 <b>0388.5</b>		20 <b>0434.5</b>		5 <b>0480.5</b>		21 <b>0526.5</b>
	6 <b>0389.5</b>		21 <b>0435.5</b>		6 <b>0481.5</b>		22 <b>0527.5</b>
	7 <b>0390.5</b>		22 <b>0436.5</b>		7 <b>0482.5</b>		23 <b>0528.5</b>
	8 <b>0391.5</b>		23 <b>0437.5</b>		8 <b>0483.5</b>		24 <b>0529.5</b>
	9 <b>0392.5</b>		24 <b>0438.5</b>		9 <b>0484.5</b>		25 <b>0530.5</b>
	10 <b>0393.5</b>		25 <b>0439.5</b>		10 <b>0485.5</b>		26 <b>0531.5</b>
	11 <b>0394.5</b>		26 <b>0440.5</b>		11 <b>0486.5</b>		27 <b>0532.5</b>
	12 <b>0395.5</b>		27 <b>0441.5</b>		12 <b>0487.5</b>		28 <b>0533.5</b>
	13 <b>0396.5</b>		28 <b>0442.5</b>		13 <b>0488.5</b>		29 <b>0534.5</b>
	14 <b>0397.5</b>		29 <b>0443.5</b>		14 <b>0489.5</b>		30 <b>0535.5</b>
	15 <b>0398.5</b>		30 <b>0444.5</b>		15 <b>0490.5</b>		31 <b>0536.5</b>

## JULIAN DAYS, 2052

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>247</b>		<b>247</b>		<b>247</b>		<b>247</b>
Jan.	0 <b>0536.5</b>	Feb.	15 <b>0582.5</b>	Apr.	1 <b>0628.5</b>	May	17 <b>0674.5</b>
	1 <b>0537.5</b>		16 <b>0583.5</b>		2 <b>0629.5</b>		18 <b>0675.5</b>
	2 <b>0538.5</b>		17 <b>0584.5</b>		3 <b>0630.5</b>		10 <b>0676.5</b>
	3 <b>0539.5</b>		18 <b>0585.5</b>		4 <b>0631.5</b>		20 <b>0677.5</b>
	4 <b>0540.5</b>		19 <b>0586.5</b>		5 <b>0632.5</b>		21 <b>0678.5</b>
	5 <b>0541.5</b>		20 <b>0587.5</b>		6 <b>0633.5</b>		22 <b>0679.5</b>
	6 <b>0542.5</b>		21 <b>0588.5</b>		7 <b>0634.5</b>		23 <b>0680.5</b>
	7 <b>0543.5</b>		22 <b>0589.5</b>		8 <b>0635.5</b>		24 <b>0681.5</b>
	8 <b>0544.5</b>		23 <b>0590.5</b>		9 <b>0636.5</b>		25 <b>0682.5</b>
	9 <b>0545.5</b>		24 <b>0591.5</b>		10 <b>0637.5</b>		26 <b>0683.5</b>
	10 <b>0546.5</b>		25 <b>0592.5</b>		11 <b>0638.5</b>		27 <b>0684.5</b>
	11 <b>0547.5</b>		26 <b>0593.5</b>		12 <b>0639.5</b>		28 <b>0685.5</b>
	12 <b>0548.5</b>		27 <b>0594.5</b>		13 <b>0640.5</b>		29 <b>0686.5</b>
	13 <b>0549.5</b>		28 <b>0595.5</b>		14 <b>0641.5</b>		30 <b>0687.5</b>
	14 <b>0550.5</b>		29 <b>0596.5</b>		15 <b>0642.5</b>		31 <b>0688.5</b>
	15 <b>0551.5</b>	Mar.	1 <b>0597.5</b>		16 <b>0643.5</b>	June	1 <b>0689.5</b>
	16 <b>0552.5</b>		2 <b>0598.5</b>		17 <b>0644.5</b>		2 <b>0690.5</b>
	17 <b>0553.5</b>		3 <b>0599.5</b>		18 <b>0645.5</b>		3 <b>0691.5</b>
	18 <b>0554.5</b>		4 <b>0600.5</b>		19 <b>0646.5</b>		4 <b>0692.5</b>
	19 <b>0555.5</b>		5 <b>0601.5</b>		20 <b>0647.5</b>		5 <b>0693.5</b>
	20 <b>0556.5</b>		6 <b>0602.5</b>		21 <b>0648.5</b>		6 <b>0694.5</b>
	21 <b>0557.5</b>		7 <b>0603.5</b>		22 <b>0649.5</b>		7 <b>0695.5</b>
	22 <b>0558.5</b>		8 <b>0604.5</b>		23 <b>0650.5</b>		8 <b>0696.5</b>
	23 <b>0559.5</b>		9 <b>0605.5</b>		24 <b>0651.5</b>		9 <b>0697.5</b>
	24 <b>0560.5</b>		10 <b>0606.5</b>		25 <b>0652.5</b>		10 <b>0698.5</b>
	25 <b>0561.5</b>		11 <b>0607.5</b>		26 <b>0653.5</b>		11 <b>0699.5</b>
	26 <b>0562.5</b>		12 <b>0608.5</b>		27 <b>0654.5</b>		12 <b>0700.5</b>
	27 <b>0563.5</b>		13 <b>0609.5</b>		28 <b>0655.5</b>		13 <b>0701.5</b>
	28 <b>0564.5</b>		14 <b>0610.5</b>		29 <b>0656.5</b>		14 <b>0702.5</b>
	29 <b>0565.5</b>		15 <b>0611.5</b>		30 <b>0657.5</b>		15 <b>0703.5</b>
	30 <b>0566.5</b>		16 <b>0612.5</b>	May	1 <b>0658.5</b>		16 <b>0704.5</b>
	31 <b>0567.5</b>		17 <b>0613.5</b>		2 <b>0659.5</b>		17 <b>0705.5</b>
Feb.	1 <b>0568.5</b>		18 <b>0614.5</b>		3 <b>0660.5</b>		18 <b>0706.5</b>
	2 <b>0569.5</b>		19 <b>0615.5</b>		4 <b>0661.5</b>		19 <b>0707.5</b>
	3 <b>0570.5</b>		20 <b>0616.5</b>		5 <b>0662.5</b>		20 <b>0708.5</b>
	4 <b>0571.5</b>		21 <b>0617.5</b>		6 <b>0663.5</b>		21 <b>0709.5</b>
	5 <b>0572.5</b>		22 <b>0618.5</b>		7 <b>0664.5</b>		22 <b>0710.5</b>
	6 <b>0573.5</b>		23 <b>0619.5</b>		8 <b>0665.5</b>		23 <b>0711.5</b>
	7 <b>0574.5</b>		24 <b>0620.5</b>		9 <b>0666.5</b>		24 <b>0712.5</b>
	8 <b>0575.5</b>		25 <b>0621.5</b>		10 <b>0667.5</b>		25 <b>0713.5</b>
	9 <b>0576.5</b>		26 <b>0622.5</b>		11 <b>0668.5</b>		26 <b>0714.5</b>
	10 <b>0577.5</b>		27 <b>0623.5</b>		12 <b>0669.5</b>		27 <b>0715.5</b>
	11 <b>0578.5</b>		28 <b>0624.5</b>		13 <b>0670.5</b>		28 <b>0716.5</b>
	12 <b>0579.5</b>		29 <b>0625.5</b>		14 <b>0671.5</b>		29 <b>0717.5</b>
	13 <b>0580.5</b>		30 <b>0626.5</b>		15 <b>0672.5</b>		30 <b>0718.5</b>
	14 <b>0581.5</b>		31 <b>0627.5</b>		16 <b>0673.5</b>	July	1 <b>0719.5</b>

## JULIAN DAYS, 2052

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>247</b>		<b>247</b>		<b>247</b>		<b>247</b>
July	1 <b>0719.5</b>	Aug.	16 <b>0765.5</b>	Oct.	1 <b>0811.5</b>	Nov.	16 <b>0857.5</b>
	2 <b>0720.5</b>		17 <b>0766.5</b>		2 <b>0812.5</b>		17 <b>0858.5</b>
	3 <b>0721.5</b>		18 <b>0767.5</b>		3 <b>0813.5</b>		18 <b>0859.5</b>
	4 <b>0722.5</b>		19 <b>0768.5</b>		4 <b>0814.5</b>		19 <b>0860.5</b>
	5 <b>0723.5</b>		20 <b>0769.5</b>		5 <b>0815.5</b>		20 <b>0861.5</b>
	6 <b>0724.5</b>		21 <b>0770.5</b>		6 <b>0816.5</b>		21 <b>0862.5</b>
	7 <b>0725.5</b>		22 <b>0771.5</b>		7 <b>0817.5</b>		22 <b>0863.5</b>
	8 <b>0726.5</b>		23 <b>0772.5</b>		8 <b>0818.5</b>		23 <b>0864.5</b>
	9 <b>0727.5</b>		24 <b>0773.5</b>		9 <b>0819.5</b>		24 <b>0865.5</b>
	10 <b>0728.5</b>		25 <b>0774.5</b>		10 <b>0820.5</b>		25 <b>0866.5</b>
	11 <b>0729.5</b>		26 <b>0775.5</b>		11 <b>0821.5</b>		26 <b>0867.5</b>
	12 <b>0730.5</b>		27 <b>0776.5</b>		12 <b>0822.5</b>		27 <b>0868.5</b>
	13 <b>0731.5</b>		28 <b>0777.5</b>		13 <b>0823.5</b>		28 <b>0869.5</b>
	14 <b>0732.5</b>		29 <b>0778.5</b>		14 <b>0824.5</b>		29 <b>0870.5</b>
	15 <b>0733.5</b>		30 <b>0779.5</b>		15 <b>0825.5</b>		30 <b>0871.5</b>
	16 <b>0734.5</b>		31 <b>0780.5</b>		16 <b>0826.5</b>	Dec.	1 <b>0872.5</b>
	17 <b>0735.5</b>	Sept.	1 <b>0781.5</b>		17 <b>0827.5</b>		2 <b>0873.5</b>
	18 <b>0736.5</b>		2 <b>0782.5</b>		18 <b>0828.5</b>		3 <b>0874.5</b>
	19 <b>0737.5</b>		3 <b>0783.5</b>		19 <b>0829.5</b>		4 <b>0875.5</b>
	20 <b>0738.5</b>		4 <b>0784.5</b>		20 <b>0830.5</b>		5 <b>0876.5</b>
	21 <b>0739.5</b>		5 <b>0785.5</b>		21 <b>0831.5</b>		6 <b>0877.5</b>
	22 <b>0740.5</b>		6 <b>0786.5</b>		22 <b>0832.5</b>		7 <b>0878.5</b>
	23 <b>0741.5</b>		7 <b>0787.5</b>		23 <b>0833.5</b>		8 <b>0879.5</b>
	24 <b>0742.5</b>		8 <b>0788.5</b>		24 <b>0834.5</b>		9 <b>0880.5</b>
	25 <b>0743.5</b>		9 <b>0789.5</b>		25 <b>0835.5</b>		10 <b>0881.5</b>
	26 <b>0744.5</b>		10 <b>0790.5</b>		26 <b>0836.5</b>		11 <b>0882.5</b>
	27 <b>0745.5</b>		11 <b>0791.5</b>		27 <b>0837.5</b>		12 <b>0883.5</b>
	28 <b>0746.5</b>		12 <b>0792.5</b>		28 <b>0838.5</b>		13 <b>0884.5</b>
	29 <b>0747.5</b>		13 <b>0793.5</b>		29 <b>0839.5</b>		14 <b>0885.5</b>
	30 <b>0748.5</b>		14 <b>0794.5</b>		30 <b>0840.5</b>		15 <b>0886.5</b>
	31 <b>0749.5</b>		15 <b>0795.5</b>		31 <b>0841.5</b>		16 <b>0887.5</b>
Aug.	1 <b>0750.5</b>		16 <b>0796.5</b>	Nov.	1 <b>0842.5</b>		17 <b>0888.5</b>
	2 <b>0751.5</b>		17 <b>0797.5</b>		2 <b>0843.5</b>		18 <b>0889.5</b>
	3 <b>0752.5</b>		18 <b>0798.5</b>		3 <b>0844.5</b>		19 <b>0890.5</b>
	4 <b>0753.5</b>		19 <b>0799.5</b>		4 <b>0845.5</b>		20 <b>0891.5</b>
	5 <b>0754.5</b>		20 <b>0800.5</b>		5 <b>0846.5</b>		21 <b>0892.5</b>
	6 <b>0755.5</b>		21 <b>0801.5</b>		6 <b>0847.5</b>		22 <b>0893.5</b>
	7 <b>0756.5</b>		22 <b>0802.5</b>		7 <b>0848.5</b>		23 <b>0894.5</b>
	8 <b>0757.5</b>		23 <b>0803.5</b>		8 <b>0849.5</b>		24 <b>0895.5</b>
	9 <b>0758.5</b>		24 <b>0804.5</b>		9 <b>0850.5</b>		25 <b>0896.5</b>
	10 <b>0759.5</b>		25 <b>0805.5</b>		10 <b>0851.5</b>		26 <b>0897.5</b>
	11 <b>0760.5</b>		26 <b>0806.5</b>		11 <b>0852.5</b>		27 <b>0898.5</b>
	12 <b>0761.5</b>		27 <b>0807.5</b>		12 <b>0853.5</b>		28 <b>0899.5</b>
	13 <b>0762.5</b>		28 <b>0808.5</b>		13 <b>0854.5</b>		29 <b>0900.5</b>
	14 <b>0763.5</b>		29 <b>0809.5</b>		14 <b>0855.5</b>		30 <b>0901.5</b>
	15 <b>0764.5</b>		30 <b>0810.5</b>		15 <b>0856.5</b>		31 <b>0902.5</b>

## JULIAN DAYS, 2053

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>247</b>		<b>247</b>		<b>247</b>		<b>247</b>
Jan.	0 <b>0902.5</b>	Feb.	15 <b>0948.5</b>	Apr.	2 <b>0994.5</b>	May	18 <b>1040.5</b>
	1 <b>0903.5</b>		16 <b>0949.5</b>		3 <b>0995.5</b>		19 <b>1041.5</b>
	2 <b>0904.5</b>		17 <b>0950.5</b>		4 <b>0996.5</b>		20 <b>1042.5</b>
	3 <b>0905.5</b>		18 <b>0951.5</b>		5 <b>0997.5</b>		21 <b>1043.5</b>
	4 <b>0906.5</b>		19 <b>0952.5</b>		6 <b>0998.5</b>		22 <b>1044.5</b>
	5 <b>0907.5</b>		20 <b>0953.5</b>		7 <b>0999.5</b>		23 <b>1045.5</b>
	6 <b>0908.5</b>		21 <b>0954.5</b>		8 <b>1000.5</b>		24 <b>1046.5</b>
	7 <b>0909.5</b>		22 <b>0955.5</b>		9 <b>1001.5</b>		25 <b>1047.5</b>
	8 <b>0910.5</b>		23 <b>0956.5</b>		10 <b>1002.5</b>		26 <b>1048.5</b>
	9 <b>0911.5</b>		24 <b>0957.5</b>		11 <b>1003.5</b>		27 <b>1049.5</b>
	10 <b>0912.5</b>		25 <b>0958.5</b>		12 <b>1004.5</b>		28 <b>1050.5</b>
	11 <b>0913.5</b>		26 <b>0959.5</b>		13 <b>1005.5</b>		29 <b>1051.5</b>
	12 <b>0914.5</b>		27 <b>0960.5</b>		14 <b>1006.5</b>		30 <b>1052.5</b>
	13 <b>0915.5</b>		28 <b>0961.5</b>		15 <b>1007.5</b>		31 <b>1053.5</b>
	14 <b>0916.5</b>	Mar.	1 <b>0962.5</b>		16 <b>1008.5</b>	June	1 <b>1054.5</b>
	15 <b>0917.5</b>		2 <b>0963.5</b>		17 <b>1009.5</b>		2 <b>1055.5</b>
	16 <b>0918.5</b>		3 <b>0964.5</b>		18 <b>1010.5</b>		3 <b>1056.5</b>
	17 <b>0919.5</b>		4 <b>0965.5</b>		19 <b>1011.5</b>		4 <b>1057.5</b>
	18 <b>0920.5</b>		5 <b>0966.5</b>		20 <b>1012.5</b>		5 <b>1058.5</b>
	19 <b>0921.5</b>		6 <b>0967.5</b>		21 <b>1013.5</b>		6 <b>1059.5</b>
	20 <b>0922.5</b>		7 <b>0968.5</b>		22 <b>1014.5</b>		7 <b>1060.5</b>
	21 <b>0923.5</b>		8 <b>0969.5</b>		23 <b>1015.5</b>		8 <b>1061.5</b>
	22 <b>0924.5</b>		9 <b>0970.5</b>		24 <b>1016.5</b>		9 <b>1062.5</b>
	23 <b>0925.5</b>		10 <b>0971.5</b>		25 <b>1017.5</b>		10 <b>1063.5</b>
	24 <b>0926.5</b>		11 <b>0972.5</b>		26 <b>1018.5</b>		11 <b>1064.5</b>
	25 <b>0927.5</b>		12 <b>0973.5</b>		27 <b>1019.5</b>		12 <b>1065.5</b>
	26 <b>0928.5</b>		13 <b>0974.5</b>		28 <b>1020.5</b>		13 <b>1066.5</b>
	27 <b>0929.5</b>		14 <b>0975.5</b>		29 <b>1021.5</b>		14 <b>1067.5</b>
	28 <b>0930.5</b>		15 <b>0976.5</b>		30 <b>1022.5</b>		15 <b>1068.5</b>
	29 <b>0931.5</b>		16 <b>0977.5</b>	May	1 <b>1023.5</b>		16 <b>1069.5</b>
	30 <b>0932.5</b>		17 <b>0978.5</b>		2 <b>1024.5</b>		17 <b>1070.5</b>
	31 <b>0933.5</b>		18 <b>0979.5</b>		3 <b>1025.5</b>		18 <b>1071.5</b>
Feb.	1 <b>0934.5</b>		19 <b>0980.5</b>		4 <b>1026.5</b>		19 <b>1072.5</b>
	2 <b>0935.5</b>		20 <b>0981.5</b>		5 <b>1027.5</b>		20 <b>1073.5</b>
	3 <b>0936.5</b>		21 <b>0982.5</b>		6 <b>1028.5</b>		21 <b>1074.5</b>
	4 <b>0937.5</b>		22 <b>0983.5</b>		7 <b>1029.5</b>		22 <b>1075.5</b>
	5 <b>0938.5</b>		23 <b>0984.5</b>		8 <b>1030.5</b>		23 <b>1076.5</b>
	6 <b>0939.5</b>		24 <b>0985.5</b>		9 <b>1031.5</b>		24 <b>1077.5</b>
	7 <b>0940.5</b>		25 <b>0986.5</b>		10 <b>1032.5</b>		25 <b>1078.5</b>
	8 <b>0941.5</b>		26 <b>0987.5</b>		11 <b>1033.5</b>		26 <b>1079.5</b>
	9 <b>0942.5</b>		27 <b>0988.5</b>		12 <b>1034.5</b>		27 <b>1080.5</b>
	10 <b>0943.5</b>		28 <b>0989.5</b>		13 <b>1035.5</b>		28 <b>1081.5</b>
	11 <b>0944.5</b>		29 <b>0990.5</b>		14 <b>1036.5</b>		29 <b>1082.5</b>
	12 <b>0945.5</b>		30 <b>0991.5</b>		15 <b>1037.5</b>		30 <b>1083.5</b>
	13 <b>0946.5</b>		31 <b>0992.5</b>		16 <b>1038.5</b>	July	1 <b>1084.5</b>
	14 <b>0947.5</b>	Apr.	1 <b>0993.5</b>		17 <b>1039.5</b>		2 <b>1085.5</b>

## JULIAN DAYS, 2053

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>247</b>		<b>247</b>		<b>247</b>		<b>247</b>
July	1 <b>1084.5</b>	Aug.	16 <b>1130.5</b>	Oct.	1 <b>1176.5</b>	Nov.	16 <b>1222.5</b>
	2 <b>1085.5</b>		17 <b>1131.5</b>		2 <b>1177.5</b>		17 <b>1223.5</b>
	3 <b>1086.5</b>		18 <b>1132.5</b>		3 <b>1178.5</b>		18 <b>1224.5</b>
	4 <b>1087.5</b>		19 <b>1133.5</b>		4 <b>1179.5</b>		19 <b>1225.5</b>
	5 <b>1088.5</b>		20 <b>1134.5</b>		5 <b>1180.5</b>		20 <b>1226.5</b>
	6 <b>1089.5</b>		21 <b>1135.5</b>		6 <b>1181.5</b>		21 <b>1227.5</b>
	7 <b>1090.5</b>		22 <b>1136.5</b>		7 <b>1182.5</b>		22 <b>1228.5</b>
	8 <b>1091.5</b>		23 <b>1137.5</b>		8 <b>1183.5</b>		23 <b>1229.5</b>
	9 <b>1092.5</b>		24 <b>1138.5</b>		9 <b>1184.5</b>		24 <b>1230.5</b>
	10 <b>1093.5</b>		25 <b>1139.5</b>		10 <b>1185.5</b>		25 <b>1231.5</b>
	11 <b>1094.5</b>		26 <b>1140.5</b>		11 <b>1186.5</b>		26 <b>1232.5</b>
	12 <b>1095.5</b>		27 <b>1141.5</b>		12 <b>1187.5</b>		27 <b>1233.5</b>
	13 <b>1096.5</b>		28 <b>1142.5</b>		13 <b>1188.5</b>		28 <b>1234.5</b>
	14 <b>1097.5</b>		29 <b>1143.5</b>		14 <b>1189.5</b>		29 <b>1235.5</b>
	15 <b>1098.5</b>		30 <b>1144.5</b>		15 <b>1190.5</b>		30 <b>1236.5</b>
	16 <b>1099.5</b>		31 <b>1145.5</b>		16 <b>1191.5</b>	Dec.	1 <b>1237.5</b>
	17 <b>1100.5</b>	Sept.	1 <b>1146.5</b>		17 <b>1192.5</b>		2 <b>1238.5</b>
	18 <b>1101.5</b>		2 <b>1147.5</b>		18 <b>1193.5</b>		3 <b>1239.5</b>
	19 <b>1102.5</b>		3 <b>1148.5</b>		19 <b>1194.5</b>		4 <b>1240.5</b>
	20 <b>1103.5</b>		4 <b>1149.5</b>		20 <b>1195.5</b>		5 <b>1241.5</b>
	21 <b>1104.5</b>		5 <b>1150.5</b>		21 <b>1196.5</b>		6 <b>1242.5</b>
	22 <b>1105.5</b>		6 <b>1151.5</b>		22 <b>1197.5</b>		7 <b>1243.5</b>
	23 <b>1106.5</b>		7 <b>1152.5</b>		23 <b>1198.5</b>		8 <b>1244.5</b>
	24 <b>1107.5</b>		8 <b>1153.5</b>		24 <b>1199.5</b>		9 <b>1245.5</b>
	25 <b>1108.5</b>		9 <b>1154.5</b>		25 <b>1200.5</b>		10 <b>1246.5</b>
	26 <b>1109.5</b>		10 <b>1155.5</b>		26 <b>1201.5</b>		11 <b>1247.5</b>
	27 <b>1110.5</b>		11 <b>1156.5</b>		27 <b>1202.5</b>		12 <b>1248.5</b>
	28 <b>1111.5</b>		12 <b>1157.5</b>		28 <b>1203.5</b>		13 <b>1249.5</b>
	29 <b>1112.5</b>		13 <b>1158.5</b>		29 <b>1204.5</b>		14 <b>1250.5</b>
	30 <b>1113.5</b>		14 <b>1159.5</b>		30 <b>1205.5</b>		15 <b>1251.5</b>
	31 <b>1114.5</b>		15 <b>1160.5</b>		31 <b>1206.5</b>		16 <b>1252.5</b>
Aug.	1 <b>1115.5</b>		16 <b>1161.5</b>	Nov.	1 <b>1207.5</b>		17 <b>1253.5</b>
	2 <b>1116.5</b>		17 <b>1162.5</b>		2 <b>1208.5</b>		18 <b>1254.5</b>
	3 <b>1117.5</b>		18 <b>1163.5</b>		3 <b>1209.5</b>		19 <b>1255.5</b>
	4 <b>1118.5</b>		19 <b>1164.5</b>		4 <b>1210.5</b>		20 <b>1256.5</b>
	5 <b>1119.5</b>		20 <b>1165.5</b>		5 <b>1211.5</b>		21 <b>1257.5</b>
	6 <b>1120.5</b>		21 <b>1166.5</b>		6 <b>1212.5</b>		22 <b>1258.5</b>
	7 <b>1121.5</b>		22 <b>1167.5</b>		7 <b>1213.5</b>		23 <b>1259.5</b>
	8 <b>1122.5</b>		23 <b>1168.5</b>		8 <b>1214.5</b>		24 <b>1260.5</b>
	9 <b>1123.5</b>		24 <b>1169.5</b>		9 <b>1215.5</b>		25 <b>1261.5</b>
	10 <b>1124.5</b>		25 <b>1170.5</b>		10 <b>1216.5</b>		26 <b>1262.5</b>
	11 <b>1125.5</b>		26 <b>1171.5</b>		11 <b>1217.5</b>		27 <b>1263.5</b>
	12 <b>1126.5</b>		27 <b>1172.5</b>		12 <b>1218.5</b>		28 <b>1264.5</b>
	13 <b>1127.5</b>		28 <b>1173.5</b>		13 <b>1219.5</b>		29 <b>1265.5</b>
	14 <b>1128.5</b>		29 <b>1174.5</b>		14 <b>1220.5</b>		30 <b>1266.5</b>
	15 <b>1129.5</b>		30 <b>1175.5</b>		15 <b>1221.5</b>		31 <b>1267.5</b>

## JULIAN DAYS, 2054

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>247</b>		<b>247</b>		<b>247</b>		<b>247</b>
Jan.	0 1267.5	Feb.	15 1313.5	Apr.	2 1359.5	May	18 1405.5
	1 1268.5		16 1314.5		3 1360.5		19 1406.5
	2 1269.5		17 1315.5		4 1361.5		20 1407.5
	3 1270.5		18 1316.5		5 1362.5		21 1408.5
	4 1271.5		19 1317.5		6 1363.5		22 1409.5
	5 1272.5		20 1318.5		7 1364.5		23 1410.5
	6 1273.5		21 1319.5		8 1365.5		24 1411.5
	7 1274.5		22 1320.5		9 1366.5		25 1412.5
	8 1275.5		23 1321.5		10 1367.5		26 1413.5
	9 1276.5		24 1322.5		11 1368.5		27 1414.5
	10 1277.5		25 1323.5		12 1369.5		28 1415.5
	11 1278.5		26 1324.5		13 1370.5		29 1416.5
	12 1279.5		27 1325.5		14 1371.5		30 1417.5
	13 1280.5		28 1326.5		15 1372.5		31 1418.5
	14 1281.5	Mar.	1 1327.5		16 1373.5	June	1 1419.5
	15 1282.5		2 1328.5		17 1374.5		2 1420.5
	16 1283.5		3 1329.5		18 1375.5		3 1421.5
	17 1284.5		4 1330.5		19 1376.5		4 1422.5
	18 1285.5		5 1331.5		20 1377.5		5 1423.5
	19 1286.5		6 1332.5		21 1378.5		6 1424.5
	20 1287.5		7 1333.5		22 1379.5		7 1425.5
	21 1288.5		8 1334.5		23 1380.5		8 1426.5
	22 1289.5		9 1335.5		24 1381.5		9 1427.5
	23 1290.5		10 1336.5		25 1382.5		10 1428.5
	24 1291.5		11 1337.5		26 1383.5		11 1429.5
	25 1292.5		12 1338.5		27 1384.5		12 1430.5
	26 1293.5		13 1339.5		28 1385.5		13 1431.5
	27 1294.5		14 1340.5		29 1386.5		14 1432.5
	28 1295.5		15 1341.5		30 1387.5		15 1433.5
	29 1296.5		16 1342.5	May	1 1388.5		16 1434.5
	30 1297.5		17 1343.5		2 1389.5		17 1435.5
	31 1298.5		18 1344.5		3 1390.5		18 1436.5
Feb.	1 1299.5		19 1345.5		4 1391.5		19 1437.5
	2 1300.5		20 1346.5		5 1392.5		20 1438.5
	3 1301.5		21 1347.5		6 1393.5		21 1439.5
	4 1302.5		22 1348.5		7 1394.5		22 1440.5
	5 1303.5		23 1349.5		8 1395.5		23 1441.5
	6 1304.5		24 1350.5		9 1396.5		24 1442.5
	7 1305.5		25 1351.5		10 1397.5		25 1443.5
	8 1306.5		26 1352.5		11 1398.5		26 1444.5
	9 1307.5		27 1353.5		12 1399.5		27 1445.5
	10 1308.5		28 1354.5		13 1400.5		28 1446.5
	11 1309.5		29 1355.5		14 1401.5		29 1447.5
	12 1310.5		30 1356.5		15 1402.5		30 1448.5
	13 1311.5		31 1357.5		16 1403.5	July	1 1449.5
	14 1312.5	Apr.	1 1358.5		17 1404.5		2 1450.5

## JULIAN DAYS, 2054

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>247</b>		<b>247</b>		<b>247</b>		<b>247</b>
July	1 <b>1449.5</b>	Aug.	16 <b>1495.5</b>	Oct.	1 <b>1541.5</b>	Nov.	16 <b>1587.5</b>
	2 <b>1450.5</b>		17 <b>1496.5</b>		2 <b>1542.5</b>		17 <b>1588.5</b>
	3 <b>1451.5</b>		18 <b>1497.5</b>		3 <b>1543.5</b>		18 <b>1589.5</b>
	4 <b>1452.5</b>		19 <b>1498.5</b>		4 <b>1544.5</b>		19 <b>1590.5</b>
	5 <b>1453.5</b>		20 <b>1499.5</b>		5 <b>1545.5</b>		20 <b>1591.5</b>
	6 <b>1454.5</b>		21 <b>1500.5</b>		6 <b>1546.5</b>		21 <b>1592.5</b>
	7 <b>1455.5</b>		22 <b>1501.5</b>		7 <b>1547.5</b>		22 <b>1593.5</b>
	8 <b>1456.5</b>		23 <b>1502.5</b>		8 <b>1548.5</b>		23 <b>1594.5</b>
	9 <b>1457.5</b>		24 <b>1503.5</b>		9 <b>1549.5</b>		24 <b>1595.5</b>
	10 <b>1458.5</b>		25 <b>1504.5</b>		10 <b>1550.5</b>		25 <b>1596.5</b>
	11 <b>1459.5</b>		26 <b>1505.5</b>		11 <b>1551.5</b>		26 <b>1597.5</b>
	12 <b>1460.5</b>		27 <b>1506.5</b>		12 <b>1552.5</b>		27 <b>1598.5</b>
	13 <b>1461.5</b>		28 <b>1507.5</b>		13 <b>1553.5</b>		28 <b>1599.5</b>
	14 <b>1462.5</b>		29 <b>1508.5</b>		14 <b>1554.5</b>		29 <b>1600.5</b>
	15 <b>1463.5</b>		30 <b>1509.5</b>		15 <b>1555.5</b>		30 <b>1601.5</b>
	16 <b>1464.5</b>		31 <b>1510.5</b>		16 <b>1556.5</b>	Dec.	1 <b>1602.5</b>
	17 <b>1465.5</b>	Sept.	1 <b>1511.5</b>		17 <b>1557.5</b>		2 <b>1603.5</b>
	18 <b>1466.5</b>		2 <b>1512.5</b>		18 <b>1558.5</b>		3 <b>1604.5</b>
	19 <b>1467.5</b>		3 <b>1513.5</b>		19 <b>1559.5</b>		4 <b>1605.5</b>
	20 <b>1468.5</b>		4 <b>1514.5</b>		20 <b>1560.5</b>		5 <b>1606.5</b>
	21 <b>1469.5</b>		5 <b>1515.5</b>		21 <b>1561.5</b>		6 <b>1607.5</b>
	22 <b>1470.5</b>		6 <b>1516.5</b>		22 <b>1562.5</b>		7 <b>1608.5</b>
	23 <b>1471.5</b>		7 <b>1517.5</b>		23 <b>1563.5</b>		8 <b>1609.5</b>
	24 <b>1472.5</b>		8 <b>1518.5</b>		24 <b>1564.5</b>		9 <b>1610.5</b>
	25 <b>1473.5</b>		9 <b>1519.5</b>		25 <b>1565.5</b>		10 <b>1611.5</b>
	26 <b>1474.5</b>		10 <b>1520.5</b>		26 <b>1566.5</b>		11 <b>1612.5</b>
	27 <b>1475.5</b>		11 <b>1521.5</b>		27 <b>1567.5</b>		12 <b>1613.5</b>
	28 <b>1476.5</b>		12 <b>1522.5</b>		28 <b>1568.5</b>		13 <b>1614.5</b>
	29 <b>1477.5</b>		13 <b>1523.5</b>		29 <b>1569.5</b>		14 <b>1615.5</b>
	30 <b>1478.5</b>		14 <b>1524.5</b>		30 <b>1570.5</b>		15 <b>1616.5</b>
	31 <b>1479.5</b>		15 <b>1525.5</b>		31 <b>1571.5</b>		16 <b>1617.5</b>
Aug.	1 <b>1480.5</b>		16 <b>1526.5</b>	Nov.	1 <b>1572.5</b>		17 <b>1618.5</b>
	2 <b>1481.5</b>		17 <b>1527.5</b>		2 <b>1573.5</b>		18 <b>1619.5</b>
	3 <b>1482.5</b>		18 <b>1528.5</b>		3 <b>1574.5</b>		19 <b>1620.5</b>
	4 <b>1483.5</b>		19 <b>1529.5</b>		4 <b>1575.5</b>		20 <b>1621.5</b>
	5 <b>1484.5</b>		20 <b>1530.5</b>		5 <b>1576.5</b>		21 <b>1622.5</b>
	6 <b>1485.5</b>		21 <b>1531.5</b>		6 <b>1577.5</b>		22 <b>1623.5</b>
	7 <b>1486.5</b>		22 <b>1532.5</b>		7 <b>1578.5</b>		23 <b>1624.5</b>
	8 <b>1487.5</b>		23 <b>1533.5</b>		8 <b>1579.5</b>		24 <b>1625.5</b>
	9 <b>1488.5</b>		24 <b>1534.5</b>		9 <b>1580.5</b>		25 <b>1626.5</b>
	10 <b>1489.5</b>		25 <b>1535.5</b>		10 <b>1581.5</b>		26 <b>1627.5</b>
	11 <b>1490.5</b>		26 <b>1536.5</b>		11 <b>1582.5</b>		27 <b>1628.5</b>
	12 <b>1491.5</b>		27 <b>1537.5</b>		12 <b>1583.5</b>		28 <b>1629.5</b>
	13 <b>1492.5</b>		28 <b>1538.5</b>		13 <b>1584.5</b>		29 <b>1630.5</b>
	14 <b>1493.5</b>		29 <b>1539.5</b>		14 <b>1585.5</b>		30 <b>1631.5</b>
	15 <b>1494.5</b>		30 <b>1540.5</b>		15 <b>1586.5</b>		31 <b>1632.5</b>

## JULIAN DAYS, 2055

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>247</b>		<b>247</b>		<b>247</b>		<b>247</b>
Jan.	0 1632.5	Feb.	15 1678.5	Apr.	2 1724.5	May	18 1770.5
	1 1633.5		16 1679.5		3 1725.5		19 1771.5
	2 1634.5		17 1680.5		4 1726.5		20 1772.5
	3 1635.5		18 1681.5		5 1727.5		21 1773.5
	4 1636.5		19 1682.5		6 1728.5		22 1774.5
	5 1637.5		20 1683.5		7 1729.5		23 1775.5
	6 1638.5		21 1684.5		8 1730.5		24 1776.5
	7 1639.5		22 1685.5		9 1731.5		25 1777.5
	8 1640.5		23 1686.5		10 1732.5		26 1778.5
	9 1641.5		24 1687.5		11 1733.5		27 1779.5
	10 1642.5		25 1688.5		12 1734.5		28 1780.5
	11 1643.5		26 1689.5		13 1735.5		29 1781.5
	12 1644.5		27 1690.5		14 1736.5		30 1782.5
	13 1645.5		28 1691.5		15 1737.5		31 1783.5
	14 1646.5	Mar.	1 1692.5		16 1738.5	June	1 1784.5
	15 1647.5		2 1693.5		17 1739.5		2 1785.5
	16 1648.5		3 1694.5		18 1740.5		3 1786.5
	17 1649.5		4 1695.5		19 1741.5		4 1787.5
	18 1650.5		5 1696.5		20 1742.5		5 1788.5
	19 1651.5		6 1697.5		21 1743.5		6 1789.5
	20 1652.5		7 1698.5		22 1744.5		7 1790.5
	21 1653.5		8 1699.5		23 1745.5		8 1791.5
	22 1654.5		9 1700.5		24 1746.5		9 1792.5
	23 1655.5		10 1701.5		25 1747.5		10 1793.5
	24 1656.5		11 1702.5		26 1748.5		11 1794.5
	25 1657.5		12 1703.5		27 1749.5		12 1795.5
	26 1658.5		13 1704.5		28 1750.5		13 1796.5
	27 1659.5		14 1705.5		29 1751.5		14 1797.5
	28 1660.5		15 1706.5		30 1752.5		15 1798.5
	29 1661.5		16 1707.5	May	1 1753.5		16 1799.5
	30 1662.5		17 1708.5		2 1754.5		17 1800.5
	31 1663.5		18 1709.5		3 1755.5		18 1801.5
Feb.	1 1664.5		19 1710.5		4 1756.5		19 1802.5
	2 1665.5		20 1711.5		5 1757.5		20 1803.5
	3 1666.5		21 1712.5		6 1758.5		21 1804.5
	4 1667.5		22 1713.5		7 1759.5		22 1805.5
	5 1668.5		23 1714.5		8 1760.5		23 1806.5
	6 1669.5		24 1715.5		9 1761.5		24 1807.5
	7 1670.5		25 1716.5		10 1762.5		25 1808.5
	8 1671.5		26 1717.5		11 1763.5		26 1809.5
	9 1672.5		27 1718.5		12 1764.5		27 1810.5
	10 1673.5		28 1719.5		13 1765.5		28 1811.5
	11 1674.5		29 1720.5		14 1766.5		29 1812.5
	12 1675.5		30 1721.5		15 1767.5		30 1813.5
	13 1676.5		31 1722.5		16 1768.5	July	1 1814.5
	14 1677.5	Apr.	1 1723.5		17 1769.5		2 1815.5



## JULIAN DAYS, 2055

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>247</b>		<b>247</b>		<b>247</b>		<b>247</b>
July	1 <b>1814.5</b>	Aug.	16 <b>1860.5</b>	Oct.	1 <b>1906.5</b>	Nov.	16 <b>1952.5</b>
	2 <b>1815.5</b>		17 <b>1861.5</b>		2 <b>1907.5</b>		17 <b>1953.5</b>
	3 <b>1816.5</b>		18 <b>1862.5</b>		3 <b>1908.5</b>		18 <b>1954.5</b>
	4 <b>1817.5</b>		19 <b>1863.5</b>		4 <b>1909.5</b>		19 <b>1955.5</b>
	5 <b>1818.5</b>		20 <b>1864.5</b>		5 <b>1910.5</b>		20 <b>1956.5</b>
	6 <b>1819.5</b>		21 <b>1865.5</b>		6 <b>1911.5</b>		21 <b>1957.5</b>
	7 <b>1820.5</b>		22 <b>1866.5</b>		7 <b>1912.5</b>		22 <b>1958.5</b>
	8 <b>1821.5</b>		23 <b>1867.5</b>		8 <b>1913.5</b>		23 <b>1959.5</b>
	9 <b>1822.5</b>		24 <b>1868.5</b>		9 <b>1914.5</b>		24 <b>1960.5</b>
	10 <b>1823.5</b>		25 <b>1869.5</b>		10 <b>1915.5</b>		25 <b>1961.5</b>
	11 <b>1824.5</b>		26 <b>1870.5</b>		11 <b>1916.5</b>		26 <b>1962.5</b>
	12 <b>1825.5</b>		27 <b>1871.5</b>		12 <b>1917.5</b>		27 <b>1963.5</b>
	13 <b>1826.5</b>		28 <b>1872.5</b>		13 <b>1918.5</b>		28 <b>1964.5</b>
	14 <b>1827.5</b>		29 <b>1873.5</b>		14 <b>1919.5</b>		29 <b>1965.5</b>
	15 <b>1828.5</b>		30 <b>1874.5</b>		15 <b>1920.5</b>		30 <b>1966.5</b>
	16 <b>1829.5</b>		31 <b>1875.5</b>		16 <b>1921.5</b>	Dec.	1 <b>1967.5</b>
	17 <b>1830.5</b>	Sept.	1 <b>1876.5</b>		17 <b>1922.5</b>		2 <b>1968.5</b>
	18 <b>1831.5</b>		2 <b>1877.5</b>		18 <b>1923.5</b>		3 <b>1969.5</b>
	19 <b>1832.5</b>		3 <b>1878.5</b>		19 <b>1924.5</b>		4 <b>1970.5</b>
	20 <b>1833.5</b>		4 <b>1879.5</b>		20 <b>1925.5</b>		5 <b>1971.5</b>
	21 <b>1834.5</b>		5 <b>1880.5</b>		21 <b>1926.5</b>		6 <b>1972.5</b>
	22 <b>1835.5</b>		6 <b>1881.5</b>		22 <b>1927.5</b>		7 <b>1973.5</b>
	23 <b>1836.5</b>		7 <b>1882.5</b>		23 <b>1928.5</b>		8 <b>1974.5</b>
	24 <b>1837.5</b>		8 <b>1883.5</b>		24 <b>1929.5</b>		9 <b>1975.5</b>
	25 <b>1838.5</b>		9 <b>1884.5</b>		25 <b>1930.5</b>		10 <b>1976.5</b>
	26 <b>1839.5</b>		10 <b>1885.5</b>		26 <b>1931.5</b>		11 <b>1977.5</b>
	27 <b>1840.5</b>		11 <b>1886.5</b>		27 <b>1932.5</b>		12 <b>1978.5</b>
	28 <b>1841.5</b>		12 <b>1887.5</b>		28 <b>1933.5</b>		13 <b>1979.5</b>
	29 <b>1842.5</b>		13 <b>1888.5</b>		29 <b>1934.5</b>		14 <b>1980.5</b>
	30 <b>1843.5</b>		14 <b>1889.5</b>		30 <b>1935.5</b>		15 <b>1981.5</b>
	31 <b>1844.5</b>		15 <b>1890.5</b>		31 <b>1936.5</b>		16 <b>1982.5</b>
Aug.	1 <b>1845.5</b>		16 <b>1891.5</b>	Nov.	1 <b>1937.5</b>		17 <b>1983.5</b>
	2 <b>1846.5</b>		17 <b>1892.5</b>		2 <b>1938.5</b>		18 <b>1984.5</b>
	3 <b>1847.5</b>		18 <b>1893.5</b>		3 <b>1939.5</b>		19 <b>1985.5</b>
	4 <b>1848.5</b>		19 <b>1894.5</b>		4 <b>1940.5</b>		20 <b>1986.5</b>
	5 <b>1849.5</b>		20 <b>1895.5</b>		5 <b>1941.5</b>		21 <b>1987.5</b>
	6 <b>1850.5</b>		21 <b>1896.5</b>		6 <b>1942.5</b>		22 <b>1988.5</b>
	7 <b>1851.5</b>		22 <b>1897.5</b>		7 <b>1943.5</b>		23 <b>1989.5</b>
	8 <b>1852.5</b>		23 <b>1898.5</b>		8 <b>1944.5</b>		24 <b>1990.5</b>
	9 <b>1853.5</b>		24 <b>1899.5</b>		9 <b>1945.5</b>		25 <b>1991.5</b>
	10 <b>1854.5</b>		25 <b>1900.5</b>		10 <b>1946.5</b>		26 <b>1992.5</b>
	11 <b>1855.5</b>		26 <b>1901.5</b>		11 <b>1947.5</b>		27 <b>1993.5</b>
	12 <b>1856.5</b>		27 <b>1902.5</b>		12 <b>1948.5</b>		28 <b>1994.5</b>
	13 <b>1857.5</b>		28 <b>1903.5</b>		13 <b>1949.5</b>		29 <b>1995.5</b>
	14 <b>1858.5</b>		29 <b>1904.5</b>		14 <b>1950.5</b>		30 <b>1996.5</b>
	15 <b>1859.5</b>		30 <b>1905.5</b>		15 <b>1951.5</b>		31 <b>1997.5</b>

## JULIAN DAYS, 2056

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>247</b>		<b>247</b>		<b>247</b>		<b>247</b>
Jan.	0 <b>1997.5</b>	Feb.	15 <b>2043.5</b>	Apr.	1 <b>2089.5</b>	May	17 <b>2135.5</b>
	1 <b>1998.5</b>		16 <b>2044.5</b>		2 <b>2090.5</b>		18 <b>2136.5</b>
	2 <b>1999.5</b>		17 <b>2045.5</b>		3 <b>2091.5</b>		10 <b>2137.5</b>
	3 <b>2000.5</b>		18 <b>2046.5</b>		4 <b>2092.5</b>		20 <b>2138.5</b>
	4 <b>2001.5</b>		19 <b>2047.5</b>		5 <b>2093.5</b>		21 <b>2139.5</b>
	5 <b>2002.5</b>		20 <b>2048.5</b>		6 <b>2094.5</b>		22 <b>2140.5</b>
	6 <b>2003.5</b>		21 <b>2049.5</b>		7 <b>2095.5</b>		23 <b>2141.5</b>
	7 <b>2004.5</b>		22 <b>2050.5</b>		8 <b>2096.5</b>		24 <b>2142.5</b>
	8 <b>2005.5</b>		23 <b>2051.5</b>		9 <b>2097.5</b>		25 <b>2143.5</b>
	9 <b>2006.5</b>		24 <b>2052.5</b>		10 <b>2098.5</b>		26 <b>2144.5</b>
	10 <b>2007.5</b>		25 <b>2053.5</b>		11 <b>2099.5</b>		27 <b>2145.5</b>
	11 <b>2008.5</b>		26 <b>2054.5</b>		12 <b>2100.5</b>		28 <b>2146.5</b>
	12 <b>2009.5</b>		27 <b>2055.5</b>		13 <b>2101.5</b>		29 <b>2147.5</b>
	13 <b>2010.5</b>		28 <b>2056.5</b>		14 <b>2102.5</b>		30 <b>2148.5</b>
	14 <b>2011.5</b>		29 <b>2057.5</b>		15 <b>2103.5</b>		31 <b>2149.5</b>
	15 <b>2012.5</b>	Mar.	1 <b>2058.5</b>		16 <b>2104.5</b>	June	1 <b>2150.5</b>
	16 <b>2013.5</b>		2 <b>2059.5</b>		17 <b>2105.5</b>		2 <b>2151.5</b>
	17 <b>2014.5</b>		3 <b>2060.5</b>		18 <b>2106.5</b>		3 <b>2152.5</b>
	18 <b>2015.5</b>		4 <b>2061.5</b>		19 <b>2107.5</b>		4 <b>2153.5</b>
	19 <b>2016.5</b>		5 <b>2062.5</b>		20 <b>2108.5</b>		5 <b>2154.5</b>
	20 <b>2017.5</b>		6 <b>2063.5</b>		21 <b>2109.5</b>		6 <b>2155.5</b>
	21 <b>2018.5</b>		7 <b>2064.5</b>		22 <b>2110.5</b>		7 <b>2156.5</b>
	22 <b>2019.5</b>		8 <b>2065.5</b>		23 <b>2111.5</b>		8 <b>2157.5</b>
	23 <b>2020.5</b>		9 <b>2066.5</b>		24 <b>2112.5</b>		9 <b>2158.5</b>
	24 <b>2021.5</b>		10 <b>2067.5</b>		25 <b>2113.5</b>		10 <b>2159.5</b>
	25 <b>2022.5</b>		11 <b>2068.5</b>		26 <b>2114.5</b>		11 <b>2160.5</b>
	26 <b>2023.5</b>		12 <b>2069.5</b>		27 <b>2115.5</b>		12 <b>2161.5</b>
	27 <b>2024.5</b>		13 <b>2070.5</b>		28 <b>2116.5</b>		13 <b>2162.5</b>
	28 <b>2025.5</b>		14 <b>2071.5</b>		29 <b>2117.5</b>		14 <b>2163.5</b>
	29 <b>2026.5</b>		15 <b>2072.5</b>		30 <b>2118.5</b>		15 <b>2164.5</b>
	30 <b>2027.5</b>		16 <b>2073.5</b>	May	1 <b>2119.5</b>		16 <b>2165.5</b>
	31 <b>2028.5</b>		17 <b>2074.5</b>		2 <b>2120.5</b>		17 <b>2166.5</b>
Feb.	1 <b>2029.5</b>		18 <b>2075.5</b>		3 <b>2121.5</b>		18 <b>2167.5</b>
	2 <b>2030.5</b>		19 <b>2076.5</b>		4 <b>2122.5</b>		19 <b>2168.5</b>
	3 <b>2031.5</b>		20 <b>2077.5</b>		5 <b>2123.5</b>		20 <b>2169.5</b>
	4 <b>2032.5</b>		21 <b>2078.5</b>		6 <b>2124.5</b>		21 <b>2170.5</b>
	5 <b>2033.5</b>		22 <b>2079.5</b>		7 <b>2125.5</b>		22 <b>2171.5</b>
	6 <b>2034.5</b>		23 <b>2080.5</b>		8 <b>2126.5</b>		23 <b>2172.5</b>
	7 <b>2035.5</b>		24 <b>2081.5</b>		9 <b>2127.5</b>		24 <b>2173.5</b>
	8 <b>2036.5</b>		25 <b>2082.5</b>		10 <b>2128.5</b>		25 <b>2174.5</b>
	9 <b>2037.5</b>		26 <b>2083.5</b>		11 <b>2129.5</b>		26 <b>2175.5</b>
	10 <b>2038.5</b>		27 <b>2084.5</b>		12 <b>2130.5</b>		27 <b>2176.5</b>
	11 <b>2039.5</b>		28 <b>2085.5</b>		13 <b>2131.5</b>		28 <b>2177.5</b>
	12 <b>2040.5</b>		29 <b>2086.5</b>		14 <b>2132.5</b>		29 <b>2178.5</b>
	13 <b>2041.5</b>		30 <b>2087.5</b>		15 <b>2133.5</b>		30 <b>2179.5</b>
	14 <b>2042.5</b>		31 <b>2088.5</b>		16 <b>2134.5</b>	July	1 <b>2180.5</b>

## JULIAN DAYS, 2056

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>247</b>		<b>247</b>		<b>247</b>		<b>247</b>
July	1 2180.5	Aug.	16 2226.5	Oct.	1 2272.5	Nov.	16 2318.5
	2 2181.5		17 2227.5		2 2273.5		17 2319.5
	3 2182.5		18 2228.5		3 2274.5		18 2320.5
	4 2183.5		19 2229.5		4 2275.5		19 2321.5
	5 2184.5		20 2230.5		5 2276.5		20 2322.5
	6 2185.5		21 2231.5		6 2277.5		21 2323.5
	7 2186.5		22 2232.5		7 2278.5		22 2324.5
	8 2187.5		23 2233.5		8 2279.5		23 2325.5
	9 2188.5		24 2234.5		9 2280.5		24 2326.5
	10 2189.5		25 2235.5		10 2281.5		25 2327.5
	11 2190.5		26 2236.5		11 2282.5		26 2328.5
	12 2191.5		27 2237.5		12 2283.5		27 2329.5
	13 2192.5		28 2238.5		13 2284.5		28 2330.5
	14 2193.5		29 2239.5		14 2285.5		29 2331.5
	15 2194.5		30 2240.5		15 2286.5		30 2332.5
	16 2195.5		31 2241.5		16 2287.5	Dec.	1 2333.5
	17 2196.5	Sept.	1 2242.5		17 2288.5		2 2334.5
	18 2197.5		2 2243.5		18 2289.5		3 2335.5
	19 2198.5		3 2244.5		19 2290.5		4 2336.5
	20 2199.5		4 2245.5		20 2291.5		5 2337.5
	21 2200.5		5 2246.5		21 2292.5		6 2338.5
	22 2201.5		6 2247.5		22 2293.5		7 2339.5
	23 2202.5		7 2248.5		23 2294.5		8 2340.5
	24 2203.5		8 2249.5		24 2295.5		9 2341.5
	25 2204.5		9 2250.5		25 2296.5		10 2342.5
	26 2205.5		10 2251.5		26 2297.5		11 2343.5
	27 2206.5		11 2252.5		27 2298.5		12 2344.5
	28 2207.5		12 2253.5		28 2299.5		13 2345.5
	29 2208.5		13 2254.5		29 2300.5		14 2346.5
	30 2209.5		14 2255.5		30 2301.5		15 2347.5
	31 2210.5		15 2256.5		31 2302.5		16 2348.5
Aug.	1 2211.5		16 2257.5	Nov.	1 2303.5		17 2349.5
	2 2212.5		17 2258.5		2 2304.5		18 2350.5
	3 2213.5		18 2259.5		3 2305.5		19 2351.5
	4 2214.5		19 2260.5		4 2306.5		20 2352.5
	5 2215.5		20 2261.5		5 2307.5		21 2353.5
	6 2216.5		21 2262.5		6 2308.5		22 2354.5
	7 2217.5		22 2263.5		7 2309.5		23 2355.5
	8 2218.5		23 2264.5		8 2310.5		24 2356.5
	9 2219.5		24 2265.5		9 2311.5		25 2357.5
	10 2220.5		25 2266.5		10 2312.5		26 2358.5
	11 2221.5		26 2267.5		11 2313.5		27 2359.5
	12 2222.5		27 2268.5		12 2314.5		28 2360.5
	13 2223.5		28 2269.5		13 2315.5		29 2361.5
	14 2224.5		29 2270.5		14 2316.5		30 2362.5
	15 2225.5		30 2271.5		15 2317.5		31 2363.5

## JULIAN DAYS, 2057

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>247</b>		<b>247</b>		<b>247</b>		<b>247</b>
Jan.	0 2363.5	Feb.	15 2409.5	Apr.	2 2455.5	May	18 2501.5
	1 2364.5		16 2410.5		3 2456.5		19 2502.5
	2 2365.5		17 2411.5		4 2457.5		20 2503.5
	3 2366.5		18 2412.5		5 2458.5		21 2504.5
	4 2367.5		19 2413.5		6 2459.5		22 2505.5
	5 2368.5		20 2414.5		7 2460.5		23 2506.5
	6 2369.5		21 2415.5		8 2461.5		24 2507.5
	7 2370.5		22 2416.5		9 2462.5		25 2508.5
	8 2371.5		23 2417.5		10 2463.5		26 2509.5
	9 2372.5		24 2418.5		11 2464.5		27 2510.5
	10 2373.5		25 2419.5		12 2465.5		28 2511.5
	11 2374.5		26 2420.5		13 2466.5		29 2512.5
	12 2375.5		27 2421.5		14 2467.5		30 2513.5
	13 2376.5		28 2422.5		15 2468.5		31 2514.5
	14 2377.5	Mar.	1 2423.5		16 2469.5	June	1 2515.5
	15 2378.5		2 2424.5		17 2470.5		2 2516.5
	16 2379.5		3 2425.5		18 2471.5		3 2517.5
	17 2380.5		4 2426.5		19 2472.5		4 2518.5
	18 2381.5		5 2427.5		20 2473.5		5 2519.5
	19 2382.5		6 2428.5		21 2474.5		6 2520.5
	20 2383.5		7 2429.5		22 2475.5		7 2521.5
	21 2384.5		8 2430.5		23 2476.5		8 2522.5
	22 2385.5		9 2431.5		24 2477.5		9 2523.5
	23 2386.5		10 2432.5		25 2478.5		10 2524.5
	24 2387.5		11 2433.5		26 2479.5		11 2525.5
	25 2388.5		12 2434.5		27 2480.5		12 2526.5
	26 2389.5		13 2435.5		28 2481.5		13 2527.5
	27 2390.5		14 2436.5		29 2482.5		14 2528.5
	28 2391.5		15 2437.5		30 2483.5		15 2529.5
	29 2392.5		16 2438.5	May	1 2484.5		16 2530.5
	30 2393.5		17 2439.5		2 2485.5		17 2531.5
	31 2394.5		18 2440.5		3 2486.5		18 2532.5
Feb.	1 2395.5		19 2441.5		4 2487.5		19 2533.5
	2 2396.5		20 2442.5		5 2488.5		20 2534.5
	3 2397.5		21 2443.5		6 2489.5		21 2535.5
	4 2398.5		22 2444.5		7 2490.5		22 2536.5
	5 2399.5		23 2445.5		8 2491.5		23 2537.5
	6 2400.5		24 2446.5		9 2492.5		24 2538.5
	7 2401.5		25 2447.5		10 2493.5		25 2539.5
	8 2402.5		26 2448.5		11 2494.5		26 2540.5
	9 2403.5		27 2449.5		12 2495.5		27 2541.5
	10 2404.5		28 2450.5		13 2496.5		28 2542.5
	11 2405.5		29 2451.5		14 2497.5		29 2543.5
	12 2406.5		30 2452.5		15 2498.5		30 2544.5
	13 2407.5		31 2453.5		16 2499.5	July	1 2545.5
	14 2408.5	Apr.	1 2454.5		17 2500.5		2 2546.5

## JULIAN DAYS, 2057

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>247</b>		<b>247</b>		<b>247</b>		<b>247</b>
July	1 2545.5	Aug.	16 2591.5	Oct.	1 2637.5	Nov.	16 2683.5
	2 2546.5		17 2592.5		2 2638.5		17 2684.5
	3 2547.5		18 2593.5		3 2639.5		18 2685.5
	4 2548.5		19 2594.5		4 2640.5		19 2686.5
	5 2549.5		20 2595.5		5 2641.5		20 2687.5
	6 2550.5		21 2596.5		6 2642.5		21 2688.5
	7 2551.5		22 2597.5		7 2643.5		22 2689.5
	8 2552.5		23 2598.5		8 2644.5		23 2690.5
	9 2553.5		24 2599.5		9 2645.5		24 2691.5
	10 2554.5		25 2600.5		10 2646.5		25 2692.5
	11 2555.5		26 2601.5		11 2647.5		26 2693.5
	12 2556.5		27 2602.5		12 2648.5		27 2694.5
	13 2557.5		28 2603.5		13 2649.5		28 2695.5
	14 2558.5		29 2604.5		14 2650.5		29 2696.5
	15 2559.5		30 2605.5		15 2651.5		30 2697.5
	16 2560.5		31 2606.5		16 2652.5	Dec.	1 2698.5
	17 2561.5	Sept.	1 2607.5		17 2653.5		2 2699.5
	18 2562.5		2 2608.5		18 2654.5		3 2700.5
	19 2563.5		3 2609.5		19 2655.5		4 2701.5
	20 2564.5		4 2610.5		20 2656.5		5 2702.5
	21 2565.5		5 2611.5		21 2657.5		6 2703.5
	22 2566.5		6 2612.5		22 2658.5		7 2704.5
	23 2567.5		7 2613.5		23 2659.5		8 2705.5
	24 2568.5		8 2614.5		24 2660.5		9 2706.5
	25 2569.5		9 2615.5		25 2661.5		10 2707.5
	26 2570.5		10 2616.5		26 2662.5		11 2708.5
	27 2571.5		11 2617.5		27 2663.5		12 2709.5
	28 2572.5		12 2618.5		28 2664.5		13 2710.5
	29 2573.5		13 2619.5		29 2665.5		14 2711.5
	30 2574.5		14 2620.5		30 2666.5		15 2712.5
	31 2575.5		15 2621.5		31 2667.5		16 2713.5
Aug.	1 2576.5		16 2622.5	Nov.	1 2668.5		17 2714.5
	2 2577.5		17 2623.5		2 2669.5		18 2715.5
	3 2578.5		18 2624.5		3 2670.5		19 2716.5
	4 2579.5		19 2625.5		4 2671.5		20 2717.5
	5 2580.5		20 2626.5		5 2672.5		21 2718.5
	6 2581.5		21 2627.5		6 2673.5		22 2719.5
	7 2582.5		22 2628.5		7 2674.5		23 2720.5
	8 2583.5		23 2629.5		8 2675.5		24 2721.5
	9 2584.5		24 2630.5		9 2676.5		25 2722.5
	10 2585.5		25 2631.5		10 2677.5		26 2723.5
	11 2586.5		26 2632.5		11 2678.5		27 2724.5
	12 2587.5		27 2633.5		12 2679.5		28 2725.5
	13 2588.5		28 2634.5		13 2680.5		29 2726.5
	14 2589.5		29 2635.5		14 2681.5		30 2727.5
	15 2590.5		30 2636.5		15 2682.5		31 2728.5

## JULIAN DAYS, 2058

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>247</b>		<b>247</b>		<b>247</b>		<b>247</b>
Jan.	0 2728.5	Feb.	15 2774.5	Apr.	2 2820.5	May	18 2866.5
	1 2729.5		16 2775.5		3 2821.5		19 2867.5
	2 2730.5		17 2776.5		4 2822.5		20 2868.5
	3 2731.5		18 2777.5		5 2823.5		21 2869.5
	4 2732.5		19 2778.5		6 2824.5		22 2870.5
	5 2733.5		20 2779.5		7 2825.5		23 2871.5
	6 2734.5		21 2780.5		8 2826.5		24 2872.5
	7 2735.5		22 2781.5		9 2827.5		25 2873.5
	8 2736.5		23 2782.5		10 2828.5		26 2874.5
	9 2737.5		24 2783.5		11 2829.5		27 2875.5
	10 2738.5		25 2784.5		12 2830.5		28 2876.5
	11 2739.5		26 2785.5		13 2831.5		29 2877.5
	12 2740.5		27 2786.5		14 2832.5		30 2878.5
	13 2741.5		28 2787.5		15 2833.5		31 2879.5
	14 2742.5	Mar.	1 2788.5		16 2834.5	June	1 2880.5
	15 2743.5		2 2789.5		17 2835.5		2 2881.5
	16 2744.5		3 2790.5		18 2836.5		3 2882.5
	17 2745.5		4 2791.5		19 2837.5		4 2883.5
	18 2746.5		5 2792.5		20 2838.5		5 2884.5
	19 2747.5		6 2793.5		21 2839.5		6 2885.5
	20 2748.5		7 2794.5		22 2840.5		7 2886.5
	21 2749.5		8 2795.5		23 2841.5		8 2887.5
	22 2750.5		9 2796.5		24 2842.5		9 2888.5
	23 2751.5		10 2797.5		25 2843.5		10 2889.5
	24 2752.5		11 2798.5		26 2844.5		11 2890.5
	25 2753.5		12 2799.5		27 2845.5		12 2891.5
	26 2754.5		13 2800.5		28 2846.5		13 2892.5
	27 2755.5		14 2801.5		29 2847.5		14 2893.5
	28 2756.5		15 2802.5		30 2848.5		15 2894.5
	29 2757.5		16 2803.5	May	1 2849.5		16 2895.5
	30 2758.5		17 2804.5		2 2850.5		17 2896.5
	31 2759.5		18 2805.5		3 2851.5		18 2897.5
Feb.	1 2760.5		19 2806.5		4 2852.5		19 2898.5
	2 2761.5		20 2807.5		5 2853.5		20 2899.5
	3 2762.5		21 2808.5		6 2854.5		21 2900.5
	4 2763.5		22 2809.5		7 2855.5		22 2901.5
	5 2764.5		23 2810.5		8 2856.5		23 2902.5
	6 2765.5		24 2811.5		9 2857.5		24 2903.5
	7 2766.5		25 2812.5		10 2858.5		25 2904.5
	8 2767.5		26 2813.5		11 2859.5		26 2905.5
	9 2768.5		27 2814.5		12 2860.5		27 2906.5
	10 2769.5		28 2815.5		13 2861.5		28 2907.5
	11 2770.5		29 2816.5		14 2862.5		29 2908.5
	12 2771.5		30 2817.5		15 2863.5		30 2909.5
	13 2772.5		31 2818.5		16 2864.5	July	1 2910.5
	14 2773.5	Apr.	1 2819.5		17 2865.5		2 2911.5

## JULIAN DAYS, 2058

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>247</b>		<b>247</b>		<b>247</b>		<b>247</b>
July	1 <b>2910.5</b>	Aug.	16 <b>2956.5</b>	Oct.	1 <b>3002.5</b>	Nov.	16 <b>3048.5</b>
	2 <b>2911.5</b>		17 <b>2957.5</b>		2 <b>3003.5</b>		17 <b>3049.5</b>
	3 <b>2912.5</b>		18 <b>2958.5</b>		3 <b>3004.5</b>		18 <b>3050.5</b>
	4 <b>2913.5</b>		19 <b>2959.5</b>		4 <b>3005.5</b>		19 <b>3051.5</b>
	5 <b>2914.5</b>		20 <b>2960.5</b>		5 <b>3006.5</b>		20 <b>3052.5</b>
	6 <b>2915.5</b>		21 <b>2961.5</b>		6 <b>3007.5</b>		21 <b>3053.5</b>
	7 <b>2916.5</b>		22 <b>2962.5</b>		7 <b>3008.5</b>		22 <b>3054.5</b>
	8 <b>2917.5</b>		23 <b>2963.5</b>		8 <b>3009.5</b>		23 <b>3055.5</b>
	9 <b>2918.5</b>		24 <b>2964.5</b>		9 <b>3010.5</b>		24 <b>3056.5</b>
	10 <b>2919.5</b>		25 <b>2965.5</b>		10 <b>3011.5</b>		25 <b>3057.5</b>
	11 <b>2920.5</b>		26 <b>2966.5</b>		11 <b>3012.5</b>		26 <b>3058.5</b>
	12 <b>2921.5</b>		27 <b>2967.5</b>		12 <b>3013.5</b>		27 <b>3059.5</b>
	13 <b>2922.5</b>		28 <b>2968.5</b>		13 <b>3014.5</b>		28 <b>3060.5</b>
	14 <b>2923.5</b>		29 <b>2969.5</b>		14 <b>3015.5</b>		29 <b>3061.5</b>
	15 <b>2924.5</b>		30 <b>2970.5</b>		15 <b>3016.5</b>		30 <b>3062.5</b>
	16 <b>2925.5</b>		31 <b>2971.5</b>		16 <b>3017.5</b>	Dec.	1 <b>3063.5</b>
	17 <b>2926.5</b>	Sept.	1 <b>2972.5</b>		17 <b>3018.5</b>		2 <b>3064.5</b>
	18 <b>2927.5</b>		2 <b>2973.5</b>		18 <b>3019.5</b>		3 <b>3065.5</b>
	19 <b>2928.5</b>		3 <b>2974.5</b>		19 <b>3020.5</b>		4 <b>3066.5</b>
	20 <b>2929.5</b>		4 <b>2975.5</b>		20 <b>3021.5</b>		5 <b>3067.5</b>
	21 <b>2930.5</b>		5 <b>2976.5</b>		21 <b>3022.5</b>		6 <b>3068.5</b>
	22 <b>2931.5</b>		6 <b>2977.5</b>		22 <b>3023.5</b>		7 <b>3069.5</b>
	23 <b>2932.5</b>		7 <b>2978.5</b>		23 <b>3024.5</b>		8 <b>3070.5</b>
	24 <b>2933.5</b>		8 <b>2979.5</b>		24 <b>3025.5</b>		9 <b>3071.5</b>
	25 <b>2934.5</b>		9 <b>2980.5</b>		25 <b>3026.5</b>		10 <b>3072.5</b>
	26 <b>2935.5</b>		10 <b>2981.5</b>		26 <b>3027.5</b>		11 <b>3073.5</b>
	27 <b>2936.5</b>		11 <b>2982.5</b>		27 <b>3028.5</b>		12 <b>3074.5</b>
	28 <b>2937.5</b>		12 <b>2983.5</b>		28 <b>3029.5</b>		13 <b>3075.5</b>
	29 <b>2938.5</b>		13 <b>2984.5</b>		29 <b>3030.5</b>		14 <b>3076.5</b>
	30 <b>2939.5</b>		14 <b>2985.5</b>		30 <b>3031.5</b>		15 <b>3077.5</b>
	31 <b>2940.5</b>		15 <b>2986.5</b>		31 <b>3032.5</b>		16 <b>3078.5</b>
Aug.	1 <b>2941.5</b>		16 <b>2987.5</b>	Nov.	1 <b>3033.5</b>		17 <b>3079.5</b>
	2 <b>2942.5</b>		17 <b>2988.5</b>		2 <b>3034.5</b>		18 <b>3080.5</b>
	3 <b>2943.5</b>		18 <b>2989.5</b>		3 <b>3035.5</b>		19 <b>3081.5</b>
	4 <b>2944.5</b>		19 <b>2990.5</b>		4 <b>3036.5</b>		20 <b>3082.5</b>
	5 <b>2945.5</b>		20 <b>2991.5</b>		5 <b>3037.5</b>		21 <b>3083.5</b>
	6 <b>2946.5</b>		21 <b>2992.5</b>		6 <b>3038.5</b>		22 <b>3084.5</b>
	7 <b>2947.5</b>		22 <b>2993.5</b>		7 <b>3039.5</b>		23 <b>3085.5</b>
	8 <b>2948.5</b>		23 <b>2994.5</b>		8 <b>3040.5</b>		24 <b>3086.5</b>
	9 <b>2949.5</b>		24 <b>2995.5</b>		9 <b>3041.5</b>		25 <b>3087.5</b>
	10 <b>2950.5</b>		25 <b>2996.5</b>		10 <b>3042.5</b>		26 <b>3088.5</b>
	11 <b>2951.5</b>		26 <b>2997.5</b>		11 <b>3043.5</b>		27 <b>3089.5</b>
	12 <b>2952.5</b>		27 <b>2998.5</b>		12 <b>3044.5</b>		28 <b>3090.5</b>
	13 <b>2953.5</b>		28 <b>2999.5</b>		13 <b>3045.5</b>		29 <b>3091.5</b>
	14 <b>2954.5</b>		29 <b>3000.5</b>		14 <b>3046.5</b>		30 <b>3092.5</b>
	15 <b>2955.5</b>		30 <b>3001.5</b>		15 <b>3047.5</b>		31 <b>3093.5</b>

## JULIAN DAYS, 2059

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>247</b>		<b>247</b>		<b>247</b>		<b>247</b>
Jan.	0 <b>3093.5</b>	Feb.	15 <b>3139.5</b>	Apr.	2 <b>3185.5</b>	May	18 <b>3231.5</b>
	1 <b>3094.5</b>		16 <b>3140.5</b>		3 <b>3186.5</b>		19 <b>3232.5</b>
	2 <b>3095.5</b>		17 <b>3141.5</b>		4 <b>3187.5</b>		20 <b>3233.5</b>
	3 <b>3096.5</b>		18 <b>3142.5</b>		5 <b>3188.5</b>		21 <b>3234.5</b>
	4 <b>3097.5</b>		19 <b>3143.5</b>		6 <b>3189.5</b>		22 <b>3235.5</b>
	5 <b>3098.5</b>		20 <b>3144.5</b>		7 <b>3190.5</b>		23 <b>3236.5</b>
	6 <b>3099.5</b>		21 <b>3145.5</b>		8 <b>3191.5</b>		24 <b>3237.5</b>
	7 <b>3100.5</b>		22 <b>3146.5</b>		9 <b>3192.5</b>		25 <b>3238.5</b>
	8 <b>3101.5</b>		23 <b>3147.5</b>		10 <b>3193.5</b>		26 <b>3239.5</b>
	9 <b>3102.5</b>		24 <b>3148.5</b>		11 <b>3194.5</b>		27 <b>3240.5</b>
	10 <b>3103.5</b>		25 <b>3149.5</b>		12 <b>3195.5</b>		28 <b>3241.5</b>
	11 <b>3104.5</b>		26 <b>3150.5</b>		13 <b>3196.5</b>		29 <b>3242.5</b>
	12 <b>3105.5</b>		27 <b>3151.5</b>		14 <b>3197.5</b>		30 <b>3243.5</b>
	13 <b>3106.5</b>		28 <b>3152.5</b>		15 <b>3198.5</b>		31 <b>3244.5</b>
	14 <b>3107.5</b>	Mar.	1 <b>3153.5</b>		16 <b>3199.5</b>	June	1 <b>3245.5</b>
	15 <b>3108.5</b>		2 <b>3154.5</b>		17 <b>3200.5</b>		2 <b>3246.5</b>
	16 <b>3109.5</b>		3 <b>3155.5</b>		18 <b>3201.5</b>		3 <b>3247.5</b>
	17 <b>3110.5</b>		4 <b>3156.5</b>		19 <b>3202.5</b>		4 <b>3248.5</b>
	18 <b>3111.5</b>		5 <b>3157.5</b>		20 <b>3203.5</b>		5 <b>3249.5</b>
	19 <b>3112.5</b>		6 <b>3158.5</b>		21 <b>3204.5</b>		6 <b>3250.5</b>
	20 <b>3113.5</b>		7 <b>3159.5</b>		22 <b>3205.5</b>		7 <b>3251.5</b>
	21 <b>3114.5</b>		8 <b>3160.5</b>		23 <b>3206.5</b>		8 <b>3252.5</b>
	22 <b>3115.5</b>		9 <b>3161.5</b>		24 <b>3207.5</b>		9 <b>3253.5</b>
	23 <b>3116.5</b>		10 <b>3162.5</b>		25 <b>3208.5</b>		10 <b>3254.5</b>
	24 <b>3117.5</b>		11 <b>3163.5</b>		26 <b>3209.5</b>		11 <b>3255.5</b>
	25 <b>3118.5</b>		12 <b>3164.5</b>		27 <b>3210.5</b>		12 <b>3256.5</b>
	26 <b>3119.5</b>		13 <b>3165.5</b>		28 <b>3211.5</b>		13 <b>3257.5</b>
	27 <b>3120.5</b>		14 <b>3166.5</b>		29 <b>3212.5</b>		14 <b>3258.5</b>
	28 <b>3121.5</b>		15 <b>3167.5</b>		30 <b>3213.5</b>		15 <b>3259.5</b>
	29 <b>3122.5</b>		16 <b>3168.5</b>	May	1 <b>3214.5</b>		16 <b>3260.5</b>
	30 <b>3123.5</b>		17 <b>3169.5</b>		2 <b>3215.5</b>		17 <b>3261.5</b>
	31 <b>3124.5</b>		18 <b>3170.5</b>		3 <b>3216.5</b>		18 <b>3262.5</b>
Feb.	1 <b>3125.5</b>		19 <b>3171.5</b>		4 <b>3217.5</b>		19 <b>3263.5</b>
	2 <b>3126.5</b>		20 <b>3172.5</b>		5 <b>3218.5</b>		20 <b>3264.5</b>
	3 <b>3127.5</b>		21 <b>3173.5</b>		6 <b>3219.5</b>		21 <b>3265.5</b>
	4 <b>3128.5</b>		22 <b>3174.5</b>		7 <b>3220.5</b>		22 <b>3266.5</b>
	5 <b>3129.5</b>		23 <b>3175.5</b>		8 <b>3221.5</b>		23 <b>3267.5</b>
	6 <b>3130.5</b>		24 <b>3176.5</b>		9 <b>3222.5</b>		24 <b>3268.5</b>
	7 <b>3131.5</b>		25 <b>3177.5</b>		10 <b>3223.5</b>		25 <b>3269.5</b>
	8 <b>3132.5</b>		26 <b>3178.5</b>		11 <b>3224.5</b>		26 <b>3270.5</b>
	9 <b>3133.5</b>		27 <b>3179.5</b>		12 <b>3225.5</b>		27 <b>3271.5</b>
	10 <b>3134.5</b>		28 <b>3180.5</b>		13 <b>3226.5</b>		28 <b>3272.5</b>
	11 <b>3135.5</b>		29 <b>3181.5</b>		14 <b>3227.5</b>		29 <b>3273.5</b>
	12 <b>3136.5</b>		30 <b>3182.5</b>		15 <b>3228.5</b>		30 <b>3274.5</b>
	13 <b>3137.5</b>		31 <b>3183.5</b>		16 <b>3229.5</b>	July	1 <b>3275.5</b>
	14 <b>3138.5</b>	Apr.	1 <b>3184.5</b>		17 <b>3230.5</b>		2 <b>3276.5</b>



## JULIAN DAYS, 2059

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>247</b>		<b>247</b>		<b>247</b>		<b>247</b>
July	1 3275.5	Aug.	16 3321.5	Oct.	1 3367.5	Nov.	16 3413.5
	2 3276.5		17 3322.5		2 3368.5		17 3414.5
	3 3277.5		18 3323.5		3 3369.5		18 3415.5
	4 3278.5		19 3324.5		4 3370.5		19 3416.5
	5 3279.5		20 3325.5		5 3371.5		20 3417.5
	6 3280.5		21 3326.5		6 3372.5		21 3418.5
	7 3281.5		22 3327.5		7 3373.5		22 3419.5
	8 3282.5		23 3328.5		8 3374.5		23 3420.5
	9 3283.5		24 3329.5		9 3375.5		24 3421.5
	10 3284.5		25 3330.5		10 3376.5		25 3422.5
	11 3285.5		26 3331.5		11 3377.5		26 3423.5
	12 3286.5		27 3332.5		12 3378.5		27 3424.5
	13 3287.5		28 3333.5		13 3379.5		28 3425.5
	14 3288.5		29 3334.5		14 3380.5		29 3426.5
	15 3289.5		30 3335.5		15 3381.5		30 3427.5
	16 3290.5		31 3336.5		16 3382.5	Dec.	1 3428.5
	17 3291.5	Sept.	1 3337.5		17 3383.5		2 3429.5
	18 3292.5		2 3338.5		18 3384.5		3 3430.5
	19 3293.5		3 3339.5		19 3385.5		4 3431.5
	20 3294.5		4 3340.5		20 3386.5		5 3432.5
	21 3295.5		5 3341.5		21 3387.5		6 3433.5
	22 3296.5		6 3342.5		22 3388.5		7 3434.5
	23 3297.5		7 3343.5		23 3389.5		8 3435.5
	24 3298.5		8 3344.5		24 3390.5		9 3436.5
	25 3299.5		9 3345.5		25 3391.5		10 3437.5
	26 3300.5		10 3346.5		26 3392.5		11 3438.5
	27 3301.5		11 3347.5		27 3393.5		12 3439.5
	28 3302.5		12 3348.5		28 3394.5		13 3440.5
	29 3303.5		13 3349.5		29 3395.5		14 3441.5
	30 3304.5		14 3350.5		30 3396.5		15 3442.5
	31 3305.5		15 3351.5		31 3397.5		16 3443.5
Aug.	1 3306.5		16 3352.5	Nov.	1 3398.5		17 3444.5
	2 3307.5		17 3353.5		2 3399.5		18 3445.5
	3 3308.5		18 3354.5		3 3400.5		19 3446.5
	4 3309.5		19 3355.5		4 3401.5		20 3447.5
	5 3310.5		20 3356.5		5 3402.5		21 3448.5
	6 3311.5		21 3357.5		6 3403.5		22 3449.5
	7 3312.5		22 3358.5		7 3404.5		23 3450.5
	8 3313.5		23 3359.5		8 3405.5		24 3451.5
	9 3314.5		24 3360.5		9 3406.5		25 3452.5
	10 3315.5		25 3361.5		10 3407.5		26 3453.5
	11 3316.5		26 3362.5		11 3408.5		27 3454.5
	12 3317.5		27 3363.5		12 3409.5		28 3455.5
	13 3318.5		28 3364.5		13 3410.5		29 3456.5
	14 3319.5		29 3365.5		14 3411.5		30 3457.5
	15 3320.5		30 3366.5		15 3412.5		31 3458.5

## JULIAN DAYS, 2060

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>247</b>		<b>247</b>		<b>247</b>		<b>247</b>
Jan.	0 3458.5	Feb.	15 3504.5	Apr.	1 3550.5	May	17 3596.5
	1 3459.5		16 3505.5		2 3551.5		18 3597.5
	2 3460.5		17 3506.5		3 3552.5		10 3598.5
	3 3461.5		18 3507.5		4 3553.5		20 3599.5
	4 3462.5		19 3508.5		5 3554.5		21 3600.5
	5 3463.5		20 3509.5		6 3555.5		22 3601.5
	6 3464.5		21 3510.5		7 3556.5		23 3602.5
	7 3465.5		22 3511.5		8 3557.5		24 3603.5
	8 3466.5		23 3512.5		9 3558.5		25 3604.5
	9 3467.5		24 3513.5		10 3559.5		26 3605.5
	10 3468.5		25 3514.5		11 3560.5		27 3606.5
	11 3469.5		26 3515.5		12 3561.5		28 3607.5
	12 3470.5		27 3516.5		13 3562.5		29 3608.5
	13 3471.5		28 3517.5		14 3563.5		30 3609.5
	14 3472.5		29 3518.5		15 3564.5		31 3610.5
	15 3473.5	Mar.	1 3519.5		16 3565.5	June	1 3611.5
	16 3474.5		2 3520.5		17 3566.5		2 3612.5
	17 3475.5		3 3521.5		18 3567.5		3 3613.5
	18 3476.5		4 3522.5		19 3568.5		4 3614.5
	19 3477.5		5 3523.5		20 3569.5		5 3615.5
	20 3478.5		6 3524.5		21 3570.5		6 3616.5
	21 3479.5		7 3525.5		22 3571.5		7 3617.5
	22 3480.5		8 3526.5		23 3572.5		8 3618.5
	23 3481.5		9 3527.5		24 3573.5		9 3619.5
	24 3482.5		10 3528.5		25 3574.5		10 3620.5
	25 3483.5		11 3529.5		26 3575.5		11 3621.5
	26 3484.5		12 3530.5		27 3576.5		12 3622.5
	27 3485.5		13 3531.5		28 3577.5		13 3623.5
	28 3486.5		14 3532.5		29 3578.5		14 3624.5
	29 3487.5		15 3533.5		30 3579.5		15 3625.5
	30 3488.5		16 3534.5	May	1 3580.5		16 3626.5
	31 3489.5		17 3535.5		2 3581.5		17 3627.5
Feb.	1 3490.5		18 3536.5		3 3582.5		18 3628.5
	2 3491.5		19 3537.5		4 3583.5		19 3629.5
	3 3492.5		20 3538.5		5 3584.5		20 3630.5
	4 3493.5		21 3539.5		6 3585.5		21 3631.5
	5 3494.5		22 3540.5		7 3586.5		22 3632.5
	6 3495.5		23 3541.5		8 3587.5		23 3633.5
	7 3496.5		24 3542.5		9 3588.5		24 3634.5
	8 3497.5		25 3543.5		10 3589.5		25 3635.5
	9 3498.5		26 3544.5		11 3590.5		26 3636.5
	10 3499.5		27 3545.5		12 3591.5		27 3637.5
	11 3500.5		28 3546.5		13 3592.5		28 3638.5
	12 3501.5		29 3547.5		14 3593.5		29 3639.5
	13 3502.5		30 3548.5		15 3594.5		30 3640.5
	14 3503.5		31 3549.5		16 3595.5	July	1 3641.5

## JULIAN DAYS, 2060

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>247</b>		<b>247</b>		<b>247</b>		<b>247</b>
July	1 3641.5	Aug.	16 3687.5	Oct.	1 3733.5	Nov.	16 3779.5
	2 3642.5		17 3688.5		2 3734.5		17 3780.5
	3 3643.5		18 3689.5		3 3735.5		18 3781.5
	4 3644.5		19 3690.5		4 3736.5		19 3782.5
	5 3645.5		20 3691.5		5 3737.5		20 3783.5
	6 3646.5		21 3692.5		6 3738.5		21 3784.5
	7 3647.5		22 3693.5		7 3739.5		22 3785.5
	8 3648.5		23 3694.5		8 3740.5		23 3786.5
	9 3649.5		24 3695.5		9 3741.5		24 3787.5
	10 3650.5		25 3696.5		10 3742.5		25 3788.5
	11 3651.5		26 3697.5		11 3743.5		26 3789.5
	12 3652.5		27 3698.5		12 3744.5		27 3790.5
	13 3653.5		28 3699.5		13 3745.5		28 3791.5
	14 3654.5		29 3700.5		14 3746.5		29 3792.5
	15 3655.5		30 3701.5		15 3747.5		30 3793.5
	16 3656.5		31 3702.5		16 3748.5	Dec.	1 3794.5
	17 3657.5	Sept.	1 3703.5		17 3749.5		2 3795.5
	18 3658.5		2 3704.5		18 3750.5		3 3796.5
	19 3659.5		3 3705.5		19 3751.5		4 3797.5
	20 3660.5		4 3706.5		20 3752.5		5 3798.5
	21 3661.5		5 3707.5		21 3753.5		6 3799.5
	22 3662.5		6 3708.5		22 3754.5		7 3800.5
	23 3663.5		7 3709.5		23 3755.5		8 3801.5
	24 3664.5		8 3710.5		24 3756.5		9 3802.5
	25 3665.5		9 3711.5		25 3757.5		10 3803.5
	26 3666.5		10 3712.5		26 3758.5		11 3804.5
	27 3667.5		11 3713.5		27 3759.5		12 3805.5
	28 3668.5		12 3714.5		28 3760.5		13 3806.5
	29 3669.5		13 3715.5		29 3761.5		14 3807.5
	30 3670.5		14 3716.5		30 3762.5		15 3808.5
	31 3671.5		15 3717.5		31 3763.5		16 3809.5
Aug.	1 3672.5		16 3718.5	Nov.	1 3764.5		17 3810.5
	2 3673.5		17 3719.5		2 3765.5		18 3811.5
	3 3674.5		18 3720.5		3 3766.5		19 3812.5
	4 3675.5		19 3721.5		4 3767.5		20 3813.5
	5 3676.5		20 3722.5		5 3768.5		21 3814.5
	6 3677.5		21 3723.5		6 3769.5		22 3815.5
	7 3678.5		22 3724.5		7 3770.5		23 3816.5
	8 3679.5		23 3725.5		8 3771.5		24 3817.5
	9 3680.5		24 3726.5		9 3772.5		25 3818.5
	10 3681.5		25 3727.5		10 3773.5		26 3819.5
	11 3682.5		26 3728.5		11 3774.5		27 3820.5
	12 3683.5		27 3729.5		12 3775.5		28 3821.5
	13 3684.5		28 3730.5		13 3776.5		29 3822.5
	14 3685.5		29 3731.5		14 3777.5		30 3823.5
	15 3686.5		30 3732.5		15 3778.5		31 3824.5

## JULIAN DAYS, 2061

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>247</b>		<b>247</b>		<b>247</b>		<b>247</b>
Jan.	0 3824.5	Feb.	15 3870.5	Apr.	2 3916.5	May	18 3962.5
	1 3825.5		16 3871.5		3 3917.5		19 3963.5
	2 3826.5		17 3872.5		4 3918.5		20 3964.5
	3 3827.5		18 3873.5		5 3919.5		21 3965.5
	4 3828.5		19 3874.5		6 3920.5		22 3966.5
	5 3829.5		20 3875.5		7 3921.5		23 3967.5
	6 3830.5		21 3876.5		8 3922.5		24 3968.5
	7 3831.5		22 3877.5		9 3923.5		25 3969.5
	8 3832.5		23 3878.5		10 3924.5		26 3970.5
	9 3833.5		24 3879.5		11 3925.5		27 3971.5
	10 3834.5		25 3880.5		12 3926.5		28 3972.5
	11 3835.5		26 3881.5		13 3927.5		29 3973.5
	12 3836.5		27 3882.5		14 3928.5		30 3974.5
	13 3837.5		28 3883.5		15 3929.5		31 3975.5
	14 3838.5	Mar.	1 3884.5		16 3930.5	June	1 3976.5
	15 3839.5		2 3885.5		17 3931.5		2 3977.5
	16 3840.5		3 3886.5		18 3932.5		3 3978.5
	17 3841.5		4 3887.5		19 3933.5		4 3979.5
	18 3842.5		5 3888.5		20 3934.5		5 3980.5
	19 3843.5		6 3889.5		21 3935.5		6 3981.5
	20 3844.5		7 3890.5		22 3936.5		7 3982.5
	21 3845.5		8 3891.5		23 3937.5		8 3983.5
	22 3846.5		9 3892.5		24 3938.5		9 3984.5
	23 3847.5		10 3893.5		25 3939.5		10 3985.5
	24 3848.5		11 3894.5		26 3940.5		11 3986.5
	25 3849.5		12 3895.5		27 3941.5		12 3987.5
	26 3850.5		13 3896.5		28 3942.5		13 3988.5
	27 3851.5		14 3897.5		29 3943.5		14 3989.5
	28 3852.5		15 3898.5		30 3944.5		15 3990.5
	29 3853.5		16 3899.5	May	1 3945.5		16 3991.5
	30 3854.5		17 3900.5		2 3946.5		17 3992.5
	31 3855.5		18 3901.5		3 3947.5		18 3993.5
Feb.	1 3856.5		19 3902.5		4 3948.5		19 3994.5
	2 3857.5		20 3903.5		5 3949.5		20 3995.5
	3 3858.5		21 3904.5		6 3950.5		21 3996.5
	4 3859.5		22 3905.5		7 3951.5		22 3997.5
	5 3860.5		23 3906.5		8 3952.5		23 3998.5
	6 3861.5		24 3907.5		9 3953.5		24 3999.5
	7 3862.5		25 3908.5		10 3954.5		25 4000.5
	8 3863.5		26 3909.5		11 3955.5		26 4001.5
	9 3864.5		27 3910.5		12 3956.5		27 4002.5
	10 3865.5		28 3911.5		13 3957.5		28 4003.5
	11 3866.5		29 3912.5		14 3958.5		29 4004.5
	12 3867.5		30 3913.5		15 3959.5		30 4005.5
	13 3868.5		31 3914.5		16 3960.5	July	1 4006.5
	14 3869.5	Apr.	1 3915.5		17 3961.5		2 4007.5

## JULIAN DAYS, 2061

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>247</b>		<b>247</b>		<b>247</b>		<b>247</b>
July	1 <b>4006.5</b>	Aug.	16 <b>4052.5</b>	Oct.	1 <b>4098.5</b>	Nov.	16 <b>4144.5</b>
	2 <b>4007.5</b>		17 <b>4053.5</b>		2 <b>4099.5</b>		17 <b>4145.5</b>
	3 <b>4008.5</b>		18 <b>4054.5</b>		3 <b>4100.5</b>		18 <b>4146.5</b>
	4 <b>4009.5</b>		19 <b>4055.5</b>		4 <b>4101.5</b>		19 <b>4147.5</b>
	5 <b>4010.5</b>		20 <b>4056.5</b>		5 <b>4102.5</b>		20 <b>4148.5</b>
	6 <b>4011.5</b>		21 <b>4057.5</b>		6 <b>4103.5</b>		21 <b>4149.5</b>
	7 <b>4012.5</b>		22 <b>4058.5</b>		7 <b>4104.5</b>		22 <b>4150.5</b>
	8 <b>4013.5</b>		23 <b>4059.5</b>		8 <b>4105.5</b>		23 <b>4151.5</b>
	9 <b>4014.5</b>		24 <b>4060.5</b>		9 <b>4106.5</b>		24 <b>4152.5</b>
	10 <b>4015.5</b>		25 <b>4061.5</b>		10 <b>4107.5</b>		25 <b>4153.5</b>
	11 <b>4016.5</b>		26 <b>4062.5</b>		11 <b>4108.5</b>		26 <b>4154.5</b>
	12 <b>4017.5</b>		27 <b>4063.5</b>		12 <b>4109.5</b>		27 <b>4155.5</b>
	13 <b>4018.5</b>		28 <b>4064.5</b>		13 <b>4110.5</b>		28 <b>4156.5</b>
	14 <b>4019.5</b>		29 <b>4065.5</b>		14 <b>4111.5</b>		29 <b>4157.5</b>
	15 <b>4020.5</b>		30 <b>4066.5</b>		15 <b>4112.5</b>		30 <b>4158.5</b>
	16 <b>4021.5</b>		31 <b>4067.5</b>		16 <b>4113.5</b>	Dec.	1 <b>4159.5</b>
	17 <b>4022.5</b>	Sept.	1 <b>4068.5</b>		17 <b>4114.5</b>		2 <b>4160.5</b>
	18 <b>4023.5</b>		2 <b>4069.5</b>		18 <b>4115.5</b>		3 <b>4161.5</b>
	19 <b>4024.5</b>		3 <b>4070.5</b>		19 <b>4116.5</b>		4 <b>4162.5</b>
	20 <b>4025.5</b>		4 <b>4071.5</b>		20 <b>4117.5</b>		5 <b>4163.5</b>
	21 <b>4026.5</b>		5 <b>4072.5</b>		21 <b>4118.5</b>		6 <b>4164.5</b>
	22 <b>4027.5</b>		6 <b>4073.5</b>		22 <b>4119.5</b>		7 <b>4165.5</b>
	23 <b>4028.5</b>		7 <b>4074.5</b>		23 <b>4120.5</b>		8 <b>4166.5</b>
	24 <b>4029.5</b>		8 <b>4075.5</b>		24 <b>4121.5</b>		9 <b>4167.5</b>
	25 <b>4030.5</b>		9 <b>4076.5</b>		25 <b>4122.5</b>		10 <b>4168.5</b>
	26 <b>4031.5</b>		10 <b>4077.5</b>		26 <b>4123.5</b>		11 <b>4169.5</b>
	27 <b>4032.5</b>		11 <b>4078.5</b>		27 <b>4124.5</b>		12 <b>4170.5</b>
	28 <b>4033.5</b>		12 <b>4079.5</b>		28 <b>4125.5</b>		13 <b>4171.5</b>
	29 <b>4034.5</b>		13 <b>4080.5</b>		29 <b>4126.5</b>		14 <b>4172.5</b>
	30 <b>4035.5</b>		14 <b>4081.5</b>		30 <b>4127.5</b>		15 <b>4173.5</b>
	31 <b>4036.5</b>		15 <b>4082.5</b>		31 <b>4128.5</b>		16 <b>4174.5</b>
Aug.	1 <b>4037.5</b>		16 <b>4083.5</b>	Nov.	1 <b>4129.5</b>		17 <b>4175.5</b>
	2 <b>4038.5</b>		17 <b>4084.5</b>		2 <b>4130.5</b>		18 <b>4176.5</b>
	3 <b>4039.5</b>		18 <b>4085.5</b>		3 <b>4131.5</b>		19 <b>4177.5</b>
	4 <b>4040.5</b>		19 <b>4086.5</b>		4 <b>4132.5</b>		20 <b>4178.5</b>
	5 <b>4041.5</b>		20 <b>4087.5</b>		5 <b>4133.5</b>		21 <b>4179.5</b>
	6 <b>4042.5</b>		21 <b>4088.5</b>		6 <b>4134.5</b>		22 <b>4180.5</b>
	7 <b>4043.5</b>		22 <b>4089.5</b>		7 <b>4135.5</b>		23 <b>4181.5</b>
	8 <b>4044.5</b>		23 <b>4090.5</b>		8 <b>4136.5</b>		24 <b>4182.5</b>
	9 <b>4045.5</b>		24 <b>4091.5</b>		9 <b>4137.5</b>		25 <b>4183.5</b>
	10 <b>4046.5</b>		25 <b>4092.5</b>		10 <b>4138.5</b>		26 <b>4184.5</b>
	11 <b>4047.5</b>		26 <b>4093.5</b>		11 <b>4139.5</b>		27 <b>4185.5</b>
	12 <b>4048.5</b>		27 <b>4094.5</b>		12 <b>4140.5</b>		28 <b>4186.5</b>
	13 <b>4049.5</b>		28 <b>4095.5</b>		13 <b>4141.5</b>		29 <b>4187.5</b>
	14 <b>4050.5</b>		29 <b>4096.5</b>		14 <b>4142.5</b>		30 <b>4188.5</b>
	15 <b>4051.5</b>		30 <b>4097.5</b>		15 <b>4143.5</b>		31 <b>4189.5</b>

## JULIAN DAYS, 2062

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>247</b>		<b>247</b>		<b>247</b>		<b>247</b>
Jan.	0 4189.5	Feb.	15 4235.5	Apr.	2 4281.5	May	18 4327.5
	1 4190.5		16 4236.5		3 4282.5		19 4328.5
	2 4191.5		17 4237.5		4 4283.5		20 4329.5
	3 4192.5		18 4238.5		5 4284.5		21 4330.5
	4 4193.5		19 4239.5		6 4285.5		22 4331.5
	5 4194.5		20 4240.5		7 4286.5		23 4332.5
	6 4195.5		21 4241.5		8 4287.5		24 4333.5
	7 4196.5		22 4242.5		9 4288.5		25 4334.5
	8 4197.5		23 4243.5		10 4289.5		26 4335.5
	9 4198.5		24 4244.5		11 4290.5		27 4336.5
	10 4199.5		25 4245.5		12 4291.5		28 4337.5
	11 4200.5		26 4246.5		13 4292.5		29 4338.5
	12 4201.5		27 4247.5		14 4293.5		30 4339.5
	13 4202.5		28 4248.5		15 4294.5		31 4340.5
	14 4203.5	Mar.	1 4249.5		16 4295.5	June	1 4341.5
	15 4204.5		2 4250.5		17 4296.5		2 4342.5
	16 4205.5		3 4251.5		18 4297.5		3 4343.5
	17 4206.5		4 4252.5		19 4298.5		4 4344.5
	18 4207.5		5 4253.5		20 4299.5		5 4345.5
	19 4208.5		6 4254.5		21 4300.5		6 4346.5
	20 4209.5		7 4255.5		22 4301.5		7 4347.5
	21 4210.5		8 4256.5		23 4302.5		8 4348.5
	22 4211.5		9 4257.5		24 4303.5		9 4349.5
	23 4212.5		10 4258.5		25 4304.5		10 4350.5
	24 4213.5		11 4259.5		26 4305.5		11 4351.5
	25 4214.5		12 4260.5		27 4306.5		12 4352.5
	26 4215.5		13 4261.5		28 4307.5		13 4353.5
	27 4216.5		14 4262.5		29 4308.5		14 4354.5
	28 4217.5		15 4263.5		30 4309.5		15 4355.5
	29 4218.5		16 4264.5	May	1 4310.5		16 4356.5
	30 4219.5		17 4265.5		2 4311.5		17 4357.5
	31 4220.5		18 4266.5		3 4312.5		18 4358.5
Feb.	1 4221.5		19 4267.5		4 4313.5		19 4359.5
	2 4222.5		20 4268.5		5 4314.5		20 4360.5
	3 4223.5		21 4269.5		6 4315.5		21 4361.5
	4 4224.5		22 4270.5		7 4316.5		22 4362.5
	5 4225.5		23 4271.5		8 4317.5		23 4363.5
	6 4226.5		24 4272.5		9 4318.5		24 4364.5
	7 4227.5		25 4273.5		10 4319.5		25 4365.5
	8 4228.5		26 4274.5		11 4320.5		26 4366.5
	9 4229.5		27 4275.5		12 4321.5		27 4367.5
	10 4230.5		28 4276.5		13 4322.5		28 4368.5
	11 4231.5		29 4277.5		14 4323.5		29 4369.5
	12 4232.5		30 4278.5		15 4324.5		30 4370.5
	13 4233.5		31 4279.5		16 4325.5	July	1 4371.5
	14 4234.5	Apr.	1 4280.5		17 4326.5		2 4372.5

## JULIAN DAYS, 2062

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>247</b>		<b>247</b>		<b>247</b>		<b>247</b>
July	1 4371.5	Aug.	16 4417.5	Oct.	1 4463.5	Nov.	16 4509.5
	2 4372.5		17 4418.5		2 4464.5		17 4510.5
	3 4373.5		18 4419.5		3 4465.5		18 4511.5
	4 4374.5		19 4420.5		4 4466.5		19 4512.5
	5 4375.5		20 4421.5		5 4467.5		20 4513.5
	6 4376.5		21 4422.5		6 4468.5		21 4514.5
	7 4377.5		22 4423.5		7 4469.5		22 4515.5
	8 4378.5		23 4424.5		8 4470.5		23 4516.5
	9 4379.5		24 4425.5		9 4471.5		24 4517.5
	10 4380.5		25 4426.5		10 4472.5		25 4518.5
	11 4381.5		26 4427.5		11 4473.5		26 4519.5
	12 4382.5		27 4428.5		12 4474.5		27 4520.5
	13 4383.5		28 4429.5		13 4475.5		28 4521.5
	14 4384.5		29 4430.5		14 4476.5		29 4522.5
	15 4385.5		30 4431.5		15 4477.5		30 4523.5
	16 4386.5		31 4432.5		16 4478.5	Dec.	1 4524.5
	17 4387.5	Sept.	1 4433.5		17 4479.5		2 4525.5
	18 4388.5		2 4434.5		18 4480.5		3 4526.5
	19 4389.5		3 4435.5		19 4481.5		4 4527.5
	20 4390.5		4 4436.5		20 4482.5		5 4528.5
	21 4391.5		5 4437.5		21 4483.5		6 4529.5
	22 4392.5		6 4438.5		22 4484.5		7 4530.5
	23 4393.5		7 4439.5		23 4485.5		8 4531.5
	24 4394.5		8 4440.5		24 4486.5		9 4532.5
	25 4395.5		9 4441.5		25 4487.5		10 4533.5
	26 4396.5		10 4442.5		26 4488.5		11 4534.5
	27 4397.5		11 4443.5		27 4489.5		12 4535.5
	28 4398.5		12 4444.5		28 4490.5		13 4536.5
	29 4399.5		13 4445.5		29 4491.5		14 4537.5
	30 4400.5		14 4446.5		30 4492.5		15 4538.5
	31 4401.5		15 4447.5		31 4493.5		16 4539.5
Aug.	1 4402.5		16 4448.5	Nov.	1 4494.5		17 4540.5
	2 4403.5		17 4449.5		2 4495.5		18 4541.5
	3 4404.5		18 4450.5		3 4496.5		19 4542.5
	4 4405.5		19 4451.5		4 4497.5		20 4543.5
	5 4406.5		20 4452.5		5 4498.5		21 4544.5
	6 4407.5		21 4453.5		6 4499.5		22 4545.5
	7 4408.5		22 4454.5		7 4500.5		23 4546.5
	8 4409.5		23 4455.5		8 4501.5		24 4547.5
	9 4410.5		24 4456.5		9 4502.5		25 4548.5
	10 4411.5		25 4457.5		10 4503.5		26 4549.5
	11 4412.5		26 4458.5		11 4504.5		27 4550.5
	12 4413.5		27 4459.5		12 4505.5		28 4551.5
	13 4414.5		28 4460.5		13 4506.5		29 4552.5
	14 4415.5		29 4461.5		14 4507.5		30 4553.5
	15 4416.5		30 4462.5		15 4508.5		31 4554.5

## JULIAN DAYS, 2063

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>247</b>		<b>247</b>		<b>247</b>		<b>247</b>
Jan.	0 4554.5	Feb.	15 4600.5	Apr.	2 4646.5	May	18 4692.5
	1 4555.5		16 4601.5		3 4647.5		19 4693.5
	2 4556.5		17 4602.5		4 4648.5		20 4694.5
	3 4557.5		18 4603.5		5 4649.5		21 4695.5
	4 4558.5		19 4604.5		6 4650.5		22 4696.5
	5 4559.5		20 4605.5		7 4651.5		23 4697.5
	6 4560.5		21 4606.5		8 4652.5		24 4698.5
	7 4561.5		22 4607.5		9 4653.5		25 4699.5
	8 4562.5		23 4608.5		10 4654.5		26 4700.5
	9 4563.5		24 4609.5		11 4655.5		27 4701.5
	10 4564.5		25 4610.5		12 4656.5		28 4702.5
	11 4565.5		26 4611.5		13 4657.5		29 4703.5
	12 4566.5		27 4612.5		14 4658.5		30 4704.5
	13 4567.5		28 4613.5		15 4659.5		31 4705.5
	14 4568.5	Mar.	1 4614.5		16 4660.5	June	1 4706.5
	15 4569.5		2 4615.5		17 4661.5		2 4707.5
	16 4570.5		3 4616.5		18 4662.5		3 4708.5
	17 4571.5		4 4617.5		19 4663.5		4 4709.5
	18 4572.5		5 4618.5		20 4664.5		5 4710.5
	19 4573.5		6 4619.5		21 4665.5		6 4711.5
	20 4574.5		7 4620.5		22 4666.5		7 4712.5
	21 4575.5		8 4621.5		23 4667.5		8 4713.5
	22 4576.5		9 4622.5		24 4668.5		9 4714.5
	23 4577.5		10 4623.5		25 4669.5		10 4715.5
	24 4578.5		11 4624.5		26 4670.5		11 4716.5
	25 4579.5		12 4625.5		27 4671.5		12 4717.5
	26 4580.5		13 4626.5		28 4672.5		13 4718.5
	27 4581.5		14 4627.5		29 4673.5		14 4719.5
	28 4582.5		15 4628.5		30 4674.5		15 4720.5
	29 4583.5		16 4629.5	May	1 4675.5		16 4721.5
	30 4584.5		17 4630.5		2 4676.5		17 4722.5
	31 4585.5		18 4631.5		3 4677.5		18 4723.5
Feb.	1 4586.5		19 4632.5		4 4678.5		19 4724.5
	2 4587.5		20 4633.5		5 4679.5		20 4725.5
	3 4588.5		21 4634.5		6 4680.5		21 4726.5
	4 4589.5		22 4635.5		7 4681.5		22 4727.5
	5 4590.5		23 4636.5		8 4682.5		23 4728.5
	6 4591.5		24 4637.5		9 4683.5		24 4729.5
	7 4592.5		25 4638.5		10 4684.5		25 4730.5
	8 4593.5		26 4639.5		11 4685.5		26 4731.5
	9 4594.5		27 4640.5		12 4686.5		27 4732.5
	10 4595.5		28 4641.5		13 4687.5		28 4733.5
	11 4596.5		29 4642.5		14 4688.5		29 4734.5
	12 4597.5		30 4643.5		15 4689.5		30 4735.5
	13 4598.5		31 4644.5		16 4690.5	July	1 4736.5
	14 4599.5	Apr.	1 4645.5		17 4691.5		2 4737.5



## JULIAN DAYS, 2063

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>247</b>		<b>247</b>		<b>247</b>		<b>247</b>
July	1 4736.5	Aug.	16 4782.5	Oct.	1 4828.5	Nov.	16 4874.5
	2 4737.5		17 4783.5		2 4829.5		17 4875.5
	3 4738.5		18 4784.5		3 4830.5		18 4876.5
	4 4739.5		19 4785.5		4 4831.5		19 4877.5
	5 4740.5		20 4786.5		5 4832.5		20 4878.5
	6 4741.5		21 4787.5		6 4833.5		21 4879.5
	7 4742.5		22 4788.5		7 4834.5		22 4880.5
	8 4743.5		23 4789.5		8 4835.5		23 4881.5
	9 4744.5		24 4790.5		9 4836.5		24 4882.5
	10 4745.5		25 4791.5		10 4837.5		25 4883.5
	11 4746.5		26 4792.5		11 4838.5		26 4884.5
	12 4747.5		27 4793.5		12 4839.5		27 4885.5
	13 4748.5		28 4794.5		13 4840.5		28 4886.5
	14 4749.5		29 4795.5		14 4841.5		29 4887.5
	15 4750.5		30 4796.5		15 4842.5		30 4888.5
	16 4751.5		31 4797.5		16 4843.5	Dec.	1 4889.5
	17 4752.5	Sept.	1 4798.5		17 4844.5		2 4890.5
	18 4753.5		2 4799.5		18 4845.5		3 4891.5
	19 4754.5		3 4800.5		19 4846.5		4 4892.5
	20 4755.5		4 4801.5		20 4847.5		5 4893.5
	21 4756.5		5 4802.5		21 4848.5		6 4894.5
	22 4757.5		6 4803.5		22 4849.5		7 4895.5
	23 4758.5		7 4804.5		23 4850.5		8 4896.5
	24 4759.5		8 4805.5		24 4851.5		9 4897.5
	25 4760.5		9 4806.5		25 4852.5		10 4898.5
	26 4761.5		10 4807.5		26 4853.5		11 4899.5
	27 4762.5		11 4808.5		27 4854.5		12 4900.5
	28 4763.5		12 4809.5		28 4855.5		13 4901.5
	29 4764.5		13 4810.5		29 4856.5		14 4902.5
	30 4765.5		14 4811.5		30 4857.5		15 4903.5
	31 4766.5		15 4812.5		31 4858.5		16 4904.5
Aug.	1 4767.5		16 4813.5	Nov.	1 4859.5		17 4905.5
	2 4768.5		17 4814.5		2 4860.5		18 4906.5
	3 4769.5		18 4815.5		3 4861.5		19 4907.5
	4 4770.5		19 4816.5		4 4862.5		20 4908.5
	5 4771.5		20 4817.5		5 4863.5		21 4909.5
	6 4772.5		21 4818.5		6 4864.5		22 4910.5
	7 4773.5		22 4819.5		7 4865.5		23 4911.5
	8 4774.5		23 4820.5		8 4866.5		24 4912.5
	9 4775.5		24 4821.5		9 4867.5		25 4913.5
	10 4776.5		25 4822.5		10 4868.5		26 4914.5
	11 4777.5		26 4823.5		11 4869.5		27 4915.5
	12 4778.5		27 4824.5		12 4870.5		28 4916.5
	13 4779.5		28 4825.5		13 4871.5		29 4917.5
	14 4780.5		29 4826.5		14 4872.5		30 4918.5
	15 4781.5		30 4827.5		15 4873.5		31 4919.5

## JULIAN DAYS, 2064

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>247</b>		<b>247</b>		<b>247</b>		<b>247</b>
Jan.	0 4919.5	Feb.	15 4965.5	Apr.	1 5011.5	May	17 5057.5
	1 4920.5		16 4966.5		2 5012.5		18 5058.5
	2 4921.5		17 4967.5		3 5013.5		10 5059.5
	3 4922.5		18 4968.5		4 5014.5		20 5060.5
	4 4923.5		19 4969.5		5 5015.5		21 5061.5
	5 4924.5		20 4970.5		6 5016.5		22 5062.5
	6 4925.5		21 4971.5		7 5017.5		23 5063.5
	7 4926.5		22 4972.5		8 5018.5		24 5064.5
	8 4927.5		23 4973.5		9 5019.5		25 5065.5
	9 4928.5		24 4974.5		10 5020.5		26 5066.5
	10 4929.5		25 4975.5		11 5021.5		27 5067.5
	11 4930.5		26 4976.5		12 5022.5		28 5068.5
	12 4931.5		27 4977.5		13 5023.5		29 5069.5
	13 4932.5		28 4978.5		14 5024.5		30 5070.5
	14 4933.5		29 4979.5		15 5025.5		31 5071.5
	15 4934.5	Mar.	1 4980.5		16 5026.5	June	1 5072.5
	16 4935.5		2 4981.5		17 5027.5		2 5073.5
	17 4936.5		3 4982.5		18 5028.5		3 5074.5
	18 4937.5		4 4983.5		19 5029.5		4 5075.5
	19 4938.5		5 4984.5		20 5030.5		5 5076.5
	20 4939.5		6 4985.5		21 5031.5		6 5077.5
	21 4940.5		7 4986.5		22 5032.5		7 5078.5
	22 4941.5		8 4987.5		23 5033.5		8 5079.5
	23 4942.5		9 4988.5		24 5034.5		9 5080.5
	24 4943.5		10 4989.5		25 5035.5		10 5081.5
	25 4944.5		11 4990.5		26 5036.5		11 5082.5
	26 4945.5		12 4991.5		27 5037.5		12 5083.5
	27 4946.5		13 4992.5		28 5038.5		13 5084.5
	28 4947.5		14 4993.5		29 5039.5		14 5085.5
	29 4948.5		15 4994.5		30 5040.5		15 5086.5
	30 4949.5		16 4995.5	May	1 5041.5		16 5087.5
	31 4950.5		17 4996.5		2 5042.5		17 5088.5
Feb.	1 4951.5		18 4997.5		3 5043.5		18 5089.5
	2 4952.5		19 4998.5		4 5044.5		19 5090.5
	3 4953.5		20 4999.5		5 5045.5		20 5091.5
	4 4954.5		21 5000.5		6 5046.5		21 5092.5
	5 4955.5		22 5001.5		7 5047.5		22 5093.5
	6 4956.5		23 5002.5		8 5048.5		23 5094.5
	7 4957.5		24 5003.5		9 5049.5		24 5095.5
	8 4958.5		25 5004.5		10 5050.5		25 5096.5
	9 4959.5		26 5005.5		11 5051.5		26 5097.5
	10 4960.5		27 5006.5		12 5052.5		27 5098.5
	11 4961.5		28 5007.5		13 5053.5		28 5099.5
	12 4962.5		29 5008.5		14 5054.5		29 5100.5
	13 4963.5		30 5009.5		15 5055.5		30 5101.5
	14 4964.5		31 5010.5		16 5056.5	July	1 5102.5

## JULIAN DAYS, 2064

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>247</b>		<b>247</b>		<b>247</b>		<b>247</b>
July	1 <b>5102.5</b>	Aug.	16 <b>5148.5</b>	Oct.	1 <b>5194.5</b>	Nov.	16 <b>5240.5</b>
	2 <b>5103.5</b>		17 <b>5149.5</b>		2 <b>5195.5</b>		17 <b>5241.5</b>
	3 <b>5104.5</b>		18 <b>5150.5</b>		3 <b>5196.5</b>		18 <b>5242.5</b>
	4 <b>5105.5</b>		19 <b>5151.5</b>		4 <b>5197.5</b>		19 <b>5243.5</b>
	5 <b>5106.5</b>		20 <b>5152.5</b>		5 <b>5198.5</b>		20 <b>5244.5</b>
	6 <b>5107.5</b>		21 <b>5153.5</b>		6 <b>5199.5</b>		21 <b>5245.5</b>
	7 <b>5108.5</b>		22 <b>5154.5</b>		7 <b>5200.5</b>		22 <b>5246.5</b>
	8 <b>5109.5</b>		23 <b>5155.5</b>		8 <b>5201.5</b>		23 <b>5247.5</b>
	9 <b>5110.5</b>		24 <b>5156.5</b>		9 <b>5202.5</b>		24 <b>5248.5</b>
	10 <b>5111.5</b>		25 <b>5157.5</b>		10 <b>5203.5</b>		25 <b>5249.5</b>
	11 <b>5112.5</b>		26 <b>5158.5</b>		11 <b>5204.5</b>		26 <b>5250.5</b>
	12 <b>5113.5</b>		27 <b>5159.5</b>		12 <b>5205.5</b>		27 <b>5251.5</b>
	13 <b>5114.5</b>		28 <b>5160.5</b>		13 <b>5206.5</b>		28 <b>5252.5</b>
	14 <b>5115.5</b>		29 <b>5161.5</b>		14 <b>5207.5</b>		29 <b>5253.5</b>
	15 <b>5116.5</b>		30 <b>5162.5</b>		15 <b>5208.5</b>		30 <b>5254.5</b>
	16 <b>5117.5</b>		31 <b>5163.5</b>		16 <b>5209.5</b>	Dec.	1 <b>5255.5</b>
	17 <b>5118.5</b>	Sept.	1 <b>5164.5</b>		17 <b>5210.5</b>		2 <b>5256.5</b>
	18 <b>5119.5</b>		2 <b>5165.5</b>		18 <b>5211.5</b>		3 <b>5257.5</b>
	19 <b>5120.5</b>		3 <b>5166.5</b>		19 <b>5212.5</b>		4 <b>5258.5</b>
	20 <b>5121.5</b>		4 <b>5167.5</b>		20 <b>5213.5</b>		5 <b>5259.5</b>
	21 <b>5122.5</b>		5 <b>5168.5</b>		21 <b>5214.5</b>		6 <b>5260.5</b>
	22 <b>5123.5</b>		6 <b>5169.5</b>		22 <b>5215.5</b>		7 <b>5261.5</b>
	23 <b>5124.5</b>		7 <b>5170.5</b>		23 <b>5216.5</b>		8 <b>5262.5</b>
	24 <b>5125.5</b>		8 <b>5171.5</b>		24 <b>5217.5</b>		9 <b>5263.5</b>
	25 <b>5126.5</b>		9 <b>5172.5</b>		25 <b>5218.5</b>		10 <b>5264.5</b>
	26 <b>5127.5</b>		10 <b>5173.5</b>		26 <b>5219.5</b>		11 <b>5265.5</b>
	27 <b>5128.5</b>		11 <b>5174.5</b>		27 <b>5220.5</b>		12 <b>5266.5</b>
	28 <b>5129.5</b>		12 <b>5175.5</b>		28 <b>5221.5</b>		13 <b>5267.5</b>
	29 <b>5130.5</b>		13 <b>5176.5</b>		29 <b>5222.5</b>		14 <b>5268.5</b>
	30 <b>5131.5</b>		14 <b>5177.5</b>		30 <b>5223.5</b>		15 <b>5269.5</b>
	31 <b>5132.5</b>		15 <b>5178.5</b>		31 <b>5224.5</b>		16 <b>5270.5</b>
Aug.	1 <b>5133.5</b>		16 <b>5179.5</b>	Nov.	1 <b>5225.5</b>		17 <b>5271.5</b>
	2 <b>5134.5</b>		17 <b>5180.5</b>		2 <b>5226.5</b>		18 <b>5272.5</b>
	3 <b>5135.5</b>		18 <b>5181.5</b>		3 <b>5227.5</b>		19 <b>5273.5</b>
	4 <b>5136.5</b>		19 <b>5182.5</b>		4 <b>5228.5</b>		20 <b>5274.5</b>
	5 <b>5137.5</b>		20 <b>5183.5</b>		5 <b>5229.5</b>		21 <b>5275.5</b>
	6 <b>5138.5</b>		21 <b>5184.5</b>		6 <b>5230.5</b>		22 <b>5276.5</b>
	7 <b>5139.5</b>		22 <b>5185.5</b>		7 <b>5231.5</b>		23 <b>5277.5</b>
	8 <b>5140.5</b>		23 <b>5186.5</b>		8 <b>5232.5</b>		24 <b>5278.5</b>
	9 <b>5141.5</b>		24 <b>5187.5</b>		9 <b>5233.5</b>		25 <b>5279.5</b>
	10 <b>5142.5</b>		25 <b>5188.5</b>		10 <b>5234.5</b>		26 <b>5280.5</b>
	11 <b>5143.5</b>		26 <b>5189.5</b>		11 <b>5235.5</b>		27 <b>5281.5</b>
	12 <b>5144.5</b>		27 <b>5190.5</b>		12 <b>5236.5</b>		28 <b>5282.5</b>
	13 <b>5145.5</b>		28 <b>5191.5</b>		13 <b>5237.5</b>		29 <b>5283.5</b>
	14 <b>5146.5</b>		29 <b>5192.5</b>		14 <b>5238.5</b>		30 <b>5284.5</b>
	15 <b>5147.5</b>		30 <b>5193.5</b>		15 <b>5239.5</b>		31 <b>5285.5</b>

## JULIAN DAYS, 2065

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>247</b>		<b>247</b>		<b>247</b>		<b>247</b>
Jan.	0 5285.5	Feb.	15 5331.5	Apr.	2 5377.5	May	18 5423.5
	1 5286.5		16 5332.5		3 5378.5		19 5424.5
	2 5287.5		17 5333.5		4 5379.5		20 5425.5
	3 5288.5		18 5334.5		5 5380.5		21 5426.5
	4 5289.5		19 5335.5		6 5381.5		22 5427.5
	5 5290.5		20 5336.5		7 5382.5		23 5428.5
	6 5291.5		21 5337.5		8 5383.5		24 5429.5
	7 5292.5		22 5338.5		9 5384.5		25 5430.5
	8 5293.5		23 5339.5		10 5385.5		26 5431.5
	9 5294.5		24 5340.5		11 5386.5		27 5432.5
	10 5295.5		25 5341.5		12 5387.5		28 5433.5
	11 5296.5		26 5342.5		13 5388.5		29 5434.5
	12 5297.5		27 5343.5		14 5389.5		30 5435.5
	13 5298.5		28 5344.5		15 5390.5		31 5436.5
	14 5299.5	Mar.	1 5345.5		16 5391.5	June	1 5437.5
	15 5300.5		2 5346.5		17 5392.5		2 5438.5
	16 5301.5		3 5347.5		18 5393.5		3 5439.5
	17 5302.5		4 5348.5		19 5394.5		4 5440.5
	18 5303.5		5 5349.5		20 5395.5		5 5441.5
	19 5304.5		6 5350.5		21 5396.5		6 5442.5
	20 5305.5		7 5351.5		22 5397.5		7 5443.5
	21 5306.5		8 5352.5		23 5398.5		8 5444.5
	22 5307.5		9 5353.5		24 5399.5		9 5445.5
	23 5308.5		10 5354.5		25 5400.5		10 5446.5
	24 5309.5		11 5355.5		26 5401.5		11 5447.5
	25 5310.5		12 5356.5		27 5402.5		12 5448.5
	26 5311.5		13 5357.5		28 5403.5		13 5449.5
	27 5312.5		14 5358.5		29 5404.5		14 5450.5
	28 5313.5		15 5359.5		30 5405.5		15 5451.5
	29 5314.5		16 5360.5	May	1 5406.5		16 5452.5
	30 5315.5		17 5361.5		2 5407.5		17 5453.5
	31 5316.5		18 5362.5		3 5408.5		18 5454.5
Feb.	1 5317.5		19 5363.5		4 5409.5		19 5455.5
	2 5318.5		20 5364.5		5 5410.5		20 5456.5
	3 5319.5		21 5365.5		6 5411.5		21 5457.5
	4 5320.5		22 5366.5		7 5412.5		22 5458.5
	5 5321.5		23 5367.5		8 5413.5		23 5459.5
	6 5322.5		24 5368.5		9 5414.5		24 5460.5
	7 5323.5		25 5369.5		10 5415.5		25 5461.5
	8 5324.5		26 5370.5		11 5416.5		26 5462.5
	9 5325.5		27 5371.5		12 5417.5		27 5463.5
	10 5326.5		28 5372.5		13 5418.5		28 5464.5
	11 5327.5		29 5373.5		14 5419.5		29 5465.5
	12 5328.5		30 5374.5		15 5420.5		30 5466.5
	13 5329.5		31 5375.5		16 5421.5	July	1 5467.5
	14 5330.5	Apr.	1 5376.5		17 5422.5		2 5468.5

## JULIAN DAYS, 2065

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>247</b>		<b>247</b>		<b>247</b>		<b>247</b>
July	1 5467.5	Aug.	16 5513.5	Oct.	1 5559.5	Nov.	16 5605.5
	2 5468.5		17 5514.5		2 5560.5		17 5606.5
	3 5469.5		18 5515.5		3 5561.5		18 5607.5
	4 5470.5		19 5516.5		4 5562.5		19 5608.5
	5 5471.5		20 5517.5		5 5563.5		20 5609.5
	6 5472.5		21 5518.5		6 5564.5		21 5610.5
	7 5473.5		22 5519.5		7 5565.5		22 5611.5
	8 5474.5		23 5520.5		8 5566.5		23 5612.5
	9 5475.5		24 5521.5		9 5567.5		24 5613.5
	10 5476.5		25 5522.5		10 5568.5		25 5614.5
	11 5477.5		26 5523.5		11 5569.5		26 5615.5
	12 5478.5		27 5524.5		12 5570.5		27 5616.5
	13 5479.5		28 5525.5		13 5571.5		28 5617.5
	14 5480.5		29 5526.5		14 5572.5		29 5618.5
	15 5481.5		30 5527.5		15 5573.5		30 5619.5
	16 5482.5		31 5528.5		16 5574.5	Dec.	1 5620.5
	17 5483.5	Sept.	1 5529.5		17 5575.5		2 5621.5
	18 5484.5		2 5530.5		18 5576.5		3 5622.5
	19 5485.5		3 5531.5		19 5577.5		4 5623.5
	20 5486.5		4 5532.5		20 5578.5		5 5624.5
	21 5487.5		5 5533.5		21 5579.5		6 5625.5
	22 5488.5		6 5534.5		22 5580.5		7 5626.5
	23 5489.5		7 5535.5		23 5581.5		8 5627.5
	24 5490.5		8 5536.5		24 5582.5		9 5628.5
	25 5491.5		9 5537.5		25 5583.5		10 5629.5
	26 5492.5		10 5538.5		26 5584.5		11 5630.5
	27 5493.5		11 5539.5		27 5585.5		12 5631.5
	28 5494.5		12 5540.5		28 5586.5		13 5632.5
	29 5495.5		13 5541.5		29 5587.5		14 5633.5
	30 5496.5		14 5542.5		30 5588.5		15 5634.5
	31 5497.5		15 5543.5		31 5589.5		16 5635.5
Aug.	1 5498.5		16 5544.5	Nov.	1 5590.5		17 5636.5
	2 5499.5		17 5545.5		2 5591.5		18 5637.5
	3 5500.5		18 5546.5		3 5592.5		19 5638.5
	4 5501.5		19 5547.5		4 5593.5		20 5639.5
	5 5502.5		20 5548.5		5 5594.5		21 5640.5
	6 5503.5		21 5549.5		6 5595.5		22 5641.5
	7 5504.5		22 5550.5		7 5596.5		23 5642.5
	8 5505.5		23 5551.5		8 5597.5		24 5643.5
	9 5506.5		24 5552.5		9 5598.5		25 5644.5
	10 5507.5		25 5553.5		10 5599.5		26 5645.5
	11 5508.5		26 5554.5		11 5600.5		27 5646.5
	12 5509.5		27 5555.5		12 5601.5		28 5647.5
	13 5510.5		28 5556.5		13 5602.5		29 5648.5
	14 5511.5		29 5557.5		14 5603.5		30 5649.5
	15 5512.5		30 5558.5		15 5604.5		31 5650.5

## JULIAN DAYS, 2066

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>247</b>		<b>247</b>		<b>247</b>		<b>247</b>
Jan.	0 <b>5650.5</b>	Feb.	15 <b>5696.5</b>	Apr.	2 <b>5742.5</b>	May	18 <b>5788.5</b>
	1 <b>5651.5</b>		16 <b>5697.5</b>		3 <b>5743.5</b>		19 <b>5789.5</b>
	2 <b>5652.5</b>		17 <b>5698.5</b>		4 <b>5744.5</b>		20 <b>5790.5</b>
	3 <b>5653.5</b>		18 <b>5699.5</b>		5 <b>5745.5</b>		21 <b>5791.5</b>
	4 <b>5654.5</b>		19 <b>5700.5</b>		6 <b>5746.5</b>		22 <b>5792.5</b>
	5 <b>5655.5</b>		20 <b>5701.5</b>		7 <b>5747.5</b>		23 <b>5793.5</b>
	6 <b>5656.5</b>		21 <b>5702.5</b>		8 <b>5748.5</b>		24 <b>5794.5</b>
	7 <b>5657.5</b>		22 <b>5703.5</b>		9 <b>5749.5</b>		25 <b>5795.5</b>
	8 <b>5658.5</b>		23 <b>5704.5</b>		10 <b>5750.5</b>		26 <b>5796.5</b>
	9 <b>5659.5</b>		24 <b>5705.5</b>		11 <b>5751.5</b>		27 <b>5797.5</b>
	10 <b>5660.5</b>		25 <b>5706.5</b>		12 <b>5752.5</b>		28 <b>5798.5</b>
	11 <b>5661.5</b>		26 <b>5707.5</b>		13 <b>5753.5</b>		29 <b>5799.5</b>
	12 <b>5662.5</b>		27 <b>5708.5</b>		14 <b>5754.5</b>		30 <b>5800.5</b>
	13 <b>5663.5</b>		28 <b>5709.5</b>		15 <b>5755.5</b>		31 <b>5801.5</b>
	14 <b>5664.5</b>	Mar.	1 <b>5710.5</b>		16 <b>5756.5</b>	June	1 <b>5802.5</b>
	15 <b>5665.5</b>		2 <b>5711.5</b>		17 <b>5757.5</b>		2 <b>5803.5</b>
	16 <b>5666.5</b>		3 <b>5712.5</b>		18 <b>5758.5</b>		3 <b>5804.5</b>
	17 <b>5667.5</b>		4 <b>5713.5</b>		19 <b>5759.5</b>		4 <b>5805.5</b>
	18 <b>5668.5</b>		5 <b>5714.5</b>		20 <b>5760.5</b>		5 <b>5806.5</b>
	19 <b>5669.5</b>		6 <b>5715.5</b>		21 <b>5761.5</b>		6 <b>5807.5</b>
	20 <b>5670.5</b>		7 <b>5716.5</b>		22 <b>5762.5</b>		7 <b>5808.5</b>
	21 <b>5671.5</b>		8 <b>5717.5</b>		23 <b>5763.5</b>		8 <b>5809.5</b>
	22 <b>5672.5</b>		9 <b>5718.5</b>		24 <b>5764.5</b>		9 <b>5810.5</b>
	23 <b>5673.5</b>		10 <b>5719.5</b>		25 <b>5765.5</b>		10 <b>5811.5</b>
	24 <b>5674.5</b>		11 <b>5720.5</b>		26 <b>5766.5</b>		11 <b>5812.5</b>
	25 <b>5675.5</b>		12 <b>5721.5</b>		27 <b>5767.5</b>		12 <b>5813.5</b>
	26 <b>5676.5</b>		13 <b>5722.5</b>		28 <b>5768.5</b>		13 <b>5814.5</b>
	27 <b>5677.5</b>		14 <b>5723.5</b>		29 <b>5769.5</b>		14 <b>5815.5</b>
	28 <b>5678.5</b>		15 <b>5724.5</b>		30 <b>5770.5</b>		15 <b>5816.5</b>
	29 <b>5679.5</b>		16 <b>5725.5</b>	May	1 <b>5771.5</b>		16 <b>5817.5</b>
	30 <b>5680.5</b>		17 <b>5726.5</b>		2 <b>5772.5</b>		17 <b>5818.5</b>
	31 <b>5681.5</b>		18 <b>5727.5</b>		3 <b>5773.5</b>		18 <b>5819.5</b>
Feb.	1 <b>5682.5</b>		19 <b>5728.5</b>		4 <b>5774.5</b>		19 <b>5820.5</b>
	2 <b>5683.5</b>		20 <b>5729.5</b>		5 <b>5775.5</b>		20 <b>5821.5</b>
	3 <b>5684.5</b>		21 <b>5730.5</b>		6 <b>5776.5</b>		21 <b>5822.5</b>
	4 <b>5685.5</b>		22 <b>5731.5</b>		7 <b>5777.5</b>		22 <b>5823.5</b>
	5 <b>5686.5</b>		23 <b>5732.5</b>		8 <b>5778.5</b>		23 <b>5824.5</b>
	6 <b>5687.5</b>		24 <b>5733.5</b>		9 <b>5779.5</b>		24 <b>5825.5</b>
	7 <b>5688.5</b>		25 <b>5734.5</b>		10 <b>5780.5</b>		25 <b>5826.5</b>
	8 <b>5689.5</b>		26 <b>5735.5</b>		11 <b>5781.5</b>		26 <b>5827.5</b>
	9 <b>5690.5</b>		27 <b>5736.5</b>		12 <b>5782.5</b>		27 <b>5828.5</b>
	10 <b>5691.5</b>		28 <b>5737.5</b>		13 <b>5783.5</b>		28 <b>5829.5</b>
	11 <b>5692.5</b>		29 <b>5738.5</b>		14 <b>5784.5</b>		29 <b>5830.5</b>
	12 <b>5693.5</b>		30 <b>5739.5</b>		15 <b>5785.5</b>		30 <b>5831.5</b>
	13 <b>5694.5</b>		31 <b>5740.5</b>		16 <b>5786.5</b>	July	1 <b>5832.5</b>
	14 <b>5695.5</b>	Apr.	1 <b>5741.5</b>		17 <b>5787.5</b>		2 <b>5833.5</b>

## JULIAN DAYS, 2066

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>247</b>		<b>247</b>		<b>247</b>		<b>247</b>
July	1 5832.5	Aug.	16 5878.5	Oct.	1 5924.5	Nov.	16 5970.5
	2 5833.5		17 5879.5		2 5925.5		17 5971.5
	3 5834.5		18 5880.5		3 5926.5		18 5972.5
	4 5835.5		19 5881.5		4 5927.5		19 5973.5
	5 5836.5		20 5882.5		5 5928.5		20 5974.5
	6 5837.5		21 5883.5		6 5929.5		21 5975.5
	7 5838.5		22 5884.5		7 5930.5		22 5976.5
	8 5839.5		23 5885.5		8 5931.5		23 5977.5
	9 5840.5		24 5886.5		9 5932.5		24 5978.5
	10 5841.5		25 5887.5		10 5933.5		25 5979.5
	11 5842.5		26 5888.5		11 5934.5		26 5980.5
	12 5843.5		27 5889.5		12 5935.5		27 5981.5
	13 5844.5		28 5890.5		13 5936.5		28 5982.5
	14 5845.5		29 5891.5		14 5937.5		29 5983.5
	15 5846.5		30 5892.5		15 5938.5		30 5984.5
	16 5847.5		31 5893.5		16 5939.5	Dec.	1 5985.5
	17 5848.5	Sept.	1 5894.5		17 5940.5		2 5986.5
	18 5849.5		2 5895.5		18 5941.5		3 5987.5
	19 5850.5		3 5896.5		19 5942.5		4 5988.5
	20 5851.5		4 5897.5		20 5943.5		5 5989.5
	21 5852.5		5 5898.5		21 5944.5		6 5990.5
	22 5853.5		6 5899.5		22 5945.5		7 5991.5
	23 5854.5		7 5900.5		23 5946.5		8 5992.5
	24 5855.5		8 5901.5		24 5947.5		9 5993.5
	25 5856.5		9 5902.5		25 5948.5		10 5994.5
	26 5857.5		10 5903.5		26 5949.5		11 5995.5
	27 5858.5		11 5904.5		27 5950.5		12 5996.5
	28 5859.5		12 5905.5		28 5951.5		13 5997.5
	29 5860.5		13 5906.5		29 5952.5		14 5998.5
	30 5861.5		14 5907.5		30 5953.5		15 5999.5
	31 5862.5		15 5908.5		31 5954.5		16 6000.5
Aug.	1 5863.5		16 5909.5	Nov.	1 5955.5		17 6001.5
	2 5864.5		17 5910.5		2 5956.5		18 6002.5
	3 5865.5		18 5911.5		3 5957.5		19 6003.5
	4 5866.5		19 5912.5		4 5958.5		20 6004.5
	5 5867.5		20 5913.5		5 5959.5		21 6005.5
	6 5868.5		21 5914.5		6 5960.5		22 6006.5
	7 5869.5		22 5915.5		7 5961.5		23 6007.5
	8 5870.5		23 5916.5		8 5962.5		24 6008.5
	9 5871.5		24 5917.5		9 5963.5		25 6009.5
	10 5872.5		25 5918.5		10 5964.5		26 6010.5
	11 5873.5		26 5919.5		11 5965.5		27 6011.5
	12 5874.5		27 5920.5		12 5966.5		28 6012.5
	13 5875.5		28 5921.5		13 5967.5		29 6013.5
	14 5876.5		29 5922.5		14 5968.5		30 6014.5
	15 5877.5		30 5923.5		15 5969.5		31 6015.5

## JULIAN DAYS, 2067

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>247</b>		<b>247</b>		<b>247</b>		<b>247</b>
Jan.	0 <b>6015.5</b>	Feb.	15 <b>6061.5</b>	Apr.	2 <b>6107.5</b>	May	18 <b>6153.5</b>
	1 <b>6016.5</b>		16 <b>6062.5</b>		3 <b>6108.5</b>		19 <b>6154.5</b>
	2 <b>6017.5</b>		17 <b>6063.5</b>		4 <b>6109.5</b>		20 <b>6155.5</b>
	3 <b>6018.5</b>		18 <b>6064.5</b>		5 <b>6110.5</b>		21 <b>6156.5</b>
	4 <b>6019.5</b>		19 <b>6065.5</b>		6 <b>6111.5</b>		22 <b>6157.5</b>
	5 <b>6020.5</b>		20 <b>6066.5</b>		7 <b>6112.5</b>		23 <b>6158.5</b>
	6 <b>6021.5</b>		21 <b>6067.5</b>		8 <b>6113.5</b>		24 <b>6159.5</b>
	7 <b>6022.5</b>		22 <b>6068.5</b>		9 <b>6114.5</b>		25 <b>6160.5</b>
	8 <b>6023.5</b>		23 <b>6069.5</b>		10 <b>6115.5</b>		26 <b>6161.5</b>
	9 <b>6024.5</b>		24 <b>6070.5</b>		11 <b>6116.5</b>		27 <b>6162.5</b>
	10 <b>6025.5</b>		25 <b>6071.5</b>		12 <b>6117.5</b>		28 <b>6163.5</b>
	11 <b>6026.5</b>		26 <b>6072.5</b>		13 <b>6118.5</b>		29 <b>6164.5</b>
	12 <b>6027.5</b>		27 <b>6073.5</b>		14 <b>6119.5</b>		30 <b>6165.5</b>
	13 <b>6028.5</b>		28 <b>6074.5</b>		15 <b>6120.5</b>		31 <b>6166.5</b>
	14 <b>6029.5</b>	Mar.	1 <b>6075.5</b>		16 <b>6121.5</b>	June	1 <b>6167.5</b>
	15 <b>6030.5</b>		2 <b>6076.5</b>		17 <b>6122.5</b>		2 <b>6168.5</b>
	16 <b>6031.5</b>		3 <b>6077.5</b>		18 <b>6123.5</b>		3 <b>6169.5</b>
	17 <b>6032.5</b>		4 <b>6078.5</b>		19 <b>6124.5</b>		4 <b>6170.5</b>
	18 <b>6033.5</b>		5 <b>6079.5</b>		20 <b>6125.5</b>		5 <b>6171.5</b>
	19 <b>6034.5</b>		6 <b>6080.5</b>		21 <b>6126.5</b>		6 <b>6172.5</b>
	20 <b>6035.5</b>		7 <b>6081.5</b>		22 <b>6127.5</b>		7 <b>6173.5</b>
	21 <b>6036.5</b>		8 <b>6082.5</b>		23 <b>6128.5</b>		8 <b>6174.5</b>
	22 <b>6037.5</b>		9 <b>6083.5</b>		24 <b>6129.5</b>		9 <b>6175.5</b>
	23 <b>6038.5</b>		10 <b>6084.5</b>		25 <b>6130.5</b>		10 <b>6176.5</b>
	24 <b>6039.5</b>		11 <b>6085.5</b>		26 <b>6131.5</b>		11 <b>6177.5</b>
	25 <b>6040.5</b>		12 <b>6086.5</b>		27 <b>6132.5</b>		12 <b>6178.5</b>
	26 <b>6041.5</b>		13 <b>6087.5</b>		28 <b>6133.5</b>		13 <b>6179.5</b>
	27 <b>6042.5</b>		14 <b>6088.5</b>		29 <b>6134.5</b>		14 <b>6180.5</b>
	28 <b>6043.5</b>		15 <b>6089.5</b>		30 <b>6135.5</b>		15 <b>6181.5</b>
	29 <b>6044.5</b>		16 <b>6090.5</b>	May	1 <b>6136.5</b>		16 <b>6182.5</b>
	30 <b>6045.5</b>		17 <b>6091.5</b>		2 <b>6137.5</b>		17 <b>6183.5</b>
	31 <b>6046.5</b>		18 <b>6092.5</b>		3 <b>6138.5</b>		18 <b>6184.5</b>
Feb.	1 <b>6047.5</b>		19 <b>6093.5</b>		4 <b>6139.5</b>		19 <b>6185.5</b>
	2 <b>6048.5</b>		20 <b>6094.5</b>		5 <b>6140.5</b>		20 <b>6186.5</b>
	3 <b>6049.5</b>		21 <b>6095.5</b>		6 <b>6141.5</b>		21 <b>6187.5</b>
	4 <b>6050.5</b>		22 <b>6096.5</b>		7 <b>6142.5</b>		22 <b>6188.5</b>
	5 <b>6051.5</b>		23 <b>6097.5</b>		8 <b>6143.5</b>		23 <b>6189.5</b>
	6 <b>6052.5</b>		24 <b>6098.5</b>		9 <b>6144.5</b>		24 <b>6190.5</b>
	7 <b>6053.5</b>		25 <b>6099.5</b>		10 <b>6145.5</b>		25 <b>6191.5</b>
	8 <b>6054.5</b>		26 <b>6100.5</b>		11 <b>6146.5</b>		26 <b>6192.5</b>
	9 <b>6055.5</b>		27 <b>6101.5</b>		12 <b>6147.5</b>		27 <b>6193.5</b>
	10 <b>6056.5</b>		28 <b>6102.5</b>		13 <b>6148.5</b>		28 <b>6194.5</b>
	11 <b>6057.5</b>		29 <b>6103.5</b>		14 <b>6149.5</b>		29 <b>6195.5</b>
	12 <b>6058.5</b>		30 <b>6104.5</b>		15 <b>6150.5</b>		30 <b>6196.5</b>
	13 <b>6059.5</b>		31 <b>6105.5</b>		16 <b>6151.5</b>	July	1 <b>6197.5</b>
	14 <b>6060.5</b>	Apr.	1 <b>6106.5</b>		17 <b>6152.5</b>		2 <b>6198.5</b>



## JULIAN DAYS, 2067

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>247</b>		<b>247</b>		<b>247</b>		<b>247</b>
July	1 <b>6197.5</b>	Aug.	16 <b>6243.5</b>	Oct.	1 <b>6289.5</b>	Nov.	16 <b>6335.5</b>
	2 <b>6198.5</b>		17 <b>6244.5</b>		2 <b>6290.5</b>		17 <b>6336.5</b>
	3 <b>6199.5</b>		18 <b>6245.5</b>		3 <b>6291.5</b>		18 <b>6337.5</b>
	4 <b>6200.5</b>		19 <b>6246.5</b>		4 <b>6292.5</b>		19 <b>6338.5</b>
	5 <b>6201.5</b>		20 <b>6247.5</b>		5 <b>6293.5</b>		20 <b>6339.5</b>
	6 <b>6202.5</b>		21 <b>6248.5</b>		6 <b>6294.5</b>		21 <b>6340.5</b>
	7 <b>6203.5</b>		22 <b>6249.5</b>		7 <b>6295.5</b>		22 <b>6341.5</b>
	8 <b>6204.5</b>		23 <b>6250.5</b>		8 <b>6296.5</b>		23 <b>6342.5</b>
	9 <b>6205.5</b>		24 <b>6251.5</b>		9 <b>6297.5</b>		24 <b>6343.5</b>
	10 <b>6206.5</b>		25 <b>6252.5</b>		10 <b>6298.5</b>		25 <b>6344.5</b>
	11 <b>6207.5</b>		26 <b>6253.5</b>		11 <b>6299.5</b>		26 <b>6345.5</b>
	12 <b>6208.5</b>		27 <b>6254.5</b>		12 <b>6300.5</b>		27 <b>6346.5</b>
	13 <b>6209.5</b>		28 <b>6255.5</b>		13 <b>6301.5</b>		28 <b>6347.5</b>
	14 <b>6210.5</b>		29 <b>6256.5</b>		14 <b>6302.5</b>		29 <b>6348.5</b>
	15 <b>6211.5</b>		30 <b>6257.5</b>		15 <b>6303.5</b>		30 <b>6349.5</b>
	16 <b>6212.5</b>		31 <b>6258.5</b>		16 <b>6304.5</b>	Dec.	1 <b>6350.5</b>
	17 <b>6213.5</b>	Sept.	1 <b>6259.5</b>		17 <b>6305.5</b>		2 <b>6351.5</b>
	18 <b>6214.5</b>		2 <b>6260.5</b>		18 <b>6306.5</b>		3 <b>6352.5</b>
	19 <b>6215.5</b>		3 <b>6261.5</b>		19 <b>6307.5</b>		4 <b>6353.5</b>
	20 <b>6216.5</b>		4 <b>6262.5</b>		20 <b>6308.5</b>		5 <b>6354.5</b>
	21 <b>6217.5</b>		5 <b>6263.5</b>		21 <b>6309.5</b>		6 <b>6355.5</b>
	22 <b>6218.5</b>		6 <b>6264.5</b>		22 <b>6310.5</b>		7 <b>6356.5</b>
	23 <b>6219.5</b>		7 <b>6265.5</b>		23 <b>6311.5</b>		8 <b>6357.5</b>
	24 <b>6220.5</b>		8 <b>6266.5</b>		24 <b>6312.5</b>		9 <b>6358.5</b>
	25 <b>6221.5</b>		9 <b>6267.5</b>		25 <b>6313.5</b>		10 <b>6359.5</b>
	26 <b>6222.5</b>		10 <b>6268.5</b>		26 <b>6314.5</b>		11 <b>6360.5</b>
	27 <b>6223.5</b>		11 <b>6269.5</b>		27 <b>6315.5</b>		12 <b>6361.5</b>
	28 <b>6224.5</b>		12 <b>6270.5</b>		28 <b>6316.5</b>		13 <b>6362.5</b>
	29 <b>6225.5</b>		13 <b>6271.5</b>		29 <b>6317.5</b>		14 <b>6363.5</b>
	30 <b>6226.5</b>		14 <b>6272.5</b>		30 <b>6318.5</b>		15 <b>6364.5</b>
	31 <b>6227.5</b>		15 <b>6273.5</b>		31 <b>6319.5</b>		16 <b>6365.5</b>
Aug.	1 <b>6228.5</b>		16 <b>6274.5</b>	Nov.	1 <b>6320.5</b>		17 <b>6366.5</b>
	2 <b>6229.5</b>		17 <b>6275.5</b>		2 <b>6321.5</b>		18 <b>6367.5</b>
	3 <b>6230.5</b>		18 <b>6276.5</b>		3 <b>6322.5</b>		19 <b>6368.5</b>
	4 <b>6231.5</b>		19 <b>6277.5</b>		4 <b>6323.5</b>		20 <b>6369.5</b>
	5 <b>6232.5</b>		20 <b>6278.5</b>		5 <b>6324.5</b>		21 <b>6370.5</b>
	6 <b>6233.5</b>		21 <b>6279.5</b>		6 <b>6325.5</b>		22 <b>6371.5</b>
	7 <b>6234.5</b>		22 <b>6280.5</b>		7 <b>6326.5</b>		23 <b>6372.5</b>
	8 <b>6235.5</b>		23 <b>6281.5</b>		8 <b>6327.5</b>		24 <b>6373.5</b>
	9 <b>6236.5</b>		24 <b>6282.5</b>		9 <b>6328.5</b>		25 <b>6374.5</b>
	10 <b>6237.5</b>		25 <b>6283.5</b>		10 <b>6329.5</b>		26 <b>6375.5</b>
	11 <b>6238.5</b>		26 <b>6284.5</b>		11 <b>6330.5</b>		27 <b>6376.5</b>
	12 <b>6239.5</b>		27 <b>6285.5</b>		12 <b>6331.5</b>		28 <b>6377.5</b>
	13 <b>6240.5</b>		28 <b>6286.5</b>		13 <b>6332.5</b>		29 <b>6378.5</b>
	14 <b>6241.5</b>		29 <b>6287.5</b>		14 <b>6333.5</b>		30 <b>6379.5</b>
	15 <b>6242.5</b>		30 <b>6288.5</b>		15 <b>6334.5</b>		31 <b>6380.5</b>

## JULIAN DAYS, 2068

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>247</b>		<b>247</b>		<b>247</b>		<b>247</b>
Jan.	0 6380.5	Feb.	15 6426.5	Apr.	1 6472.5	May	17 6518.5
	1 6381.5		16 6427.5		2 6473.5		18 6519.5
	2 6382.5		17 6428.5		3 6474.5		10 6520.5
	3 6383.5		18 6429.5		4 6475.5		20 6521.5
	4 6384.5		19 6430.5		5 6476.5		21 6522.5
	5 6385.5		20 6431.5		6 6477.5		22 6523.5
	6 6386.5		21 6432.5		7 6478.5		23 6524.5
	7 6387.5		22 6433.5		8 6479.5		24 6525.5
	8 6388.5		23 6434.5		9 6480.5		25 6526.5
	9 6389.5		24 6435.5		10 6481.5		26 6527.5
	10 6390.5		25 6436.5		11 6482.5		27 6528.5
	11 6391.5		26 6437.5		12 6483.5		28 6529.5
	12 6392.5		27 6438.5		13 6484.5		29 6530.5
	13 6393.5		28 6439.5		14 6485.5		30 6531.5
	14 6394.5		29 6440.5		15 6486.5		31 6532.5
	15 6395.5	Mar.	1 6441.5		16 6487.5	June	1 6533.5
	16 6396.5		2 6442.5		17 6488.5		2 6534.5
	17 6397.5		3 6443.5		18 6489.5		3 6535.5
	18 6398.5		4 6444.5		19 6490.5		4 6536.5
	19 6399.5		5 6445.5		20 6491.5		5 6537.5
	20 6400.5		6 6446.5		21 6492.5		6 6538.5
	21 6401.5		7 6447.5		22 6493.5		7 6539.5
	22 6402.5		8 6448.5		23 6494.5		8 6540.5
	23 6403.5		9 6449.5		24 6495.5		9 6541.5
	24 6404.5		10 6450.5		25 6496.5		10 6542.5
	25 6405.5		11 6451.5		26 6497.5		11 6543.5
	26 6406.5		12 6452.5		27 6498.5		12 6544.5
	27 6407.5		13 6453.5		28 6499.5		13 6545.5
	28 6408.5		14 6454.5		29 6500.5		14 6546.5
	29 6409.5		15 6455.5		30 6501.5		15 6547.5
	30 6410.5		16 6456.5	May	1 6502.5		16 6548.5
	31 6411.5		17 6457.5		2 6503.5		17 6549.5
Feb.	1 6412.5		18 6458.5		3 6504.5		18 6550.5
	2 6413.5		19 6459.5		4 6505.5		19 6551.5
	3 6414.5		20 6460.5		5 6506.5		20 6552.5
	4 6415.5		21 6461.5		6 6507.5		21 6553.5
	5 6416.5		22 6462.5		7 6508.5		22 6554.5
	6 6417.5		23 6463.5		8 6509.5		23 6555.5
	7 6418.5		24 6464.5		9 6510.5		24 6556.5
	8 6419.5		25 6465.5		10 6511.5		25 6557.5
	9 6420.5		26 6466.5		11 6512.5		26 6558.5
	10 6421.5		27 6467.5		12 6513.5		27 6559.5
	11 6422.5		28 6468.5		13 6514.5		28 6560.5
	12 6423.5		29 6469.5		14 6515.5		29 6561.5
	13 6424.5		30 6470.5		15 6516.5		30 6562.5
	14 6425.5		31 6471.5		16 6517.5	July	1 6563.5

## JULIAN DAYS, 2068

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>247</b>		<b>247</b>		<b>247</b>		<b>247</b>
July	1 <b>6563.5</b>	Aug.	16 <b>6609.5</b>	Oct.	1 <b>6655.5</b>	Nov.	16 <b>6701.5</b>
	2 <b>6564.5</b>		17 <b>6610.5</b>		2 <b>6656.5</b>		17 <b>6702.5</b>
	3 <b>6565.5</b>		18 <b>6611.5</b>		3 <b>6657.5</b>		18 <b>6703.5</b>
	4 <b>6566.5</b>		19 <b>6612.5</b>		4 <b>6658.5</b>		19 <b>6704.5</b>
	5 <b>6567.5</b>		20 <b>6613.5</b>		5 <b>6659.5</b>		20 <b>6705.5</b>
	6 <b>6568.5</b>		21 <b>6614.5</b>		6 <b>6660.5</b>		21 <b>6706.5</b>
	7 <b>6569.5</b>		22 <b>6615.5</b>		7 <b>6661.5</b>		22 <b>6707.5</b>
	8 <b>6570.5</b>		23 <b>6616.5</b>		8 <b>6662.5</b>		23 <b>6708.5</b>
	9 <b>6571.5</b>		24 <b>6617.5</b>		9 <b>6663.5</b>		24 <b>6709.5</b>
	10 <b>6572.5</b>		25 <b>6618.5</b>		10 <b>6664.5</b>		25 <b>6710.5</b>
	11 <b>6573.5</b>		26 <b>6619.5</b>		11 <b>6665.5</b>		26 <b>6711.5</b>
	12 <b>6574.5</b>		27 <b>6620.5</b>		12 <b>6666.5</b>		27 <b>6712.5</b>
	13 <b>6575.5</b>		28 <b>6621.5</b>		13 <b>6667.5</b>		28 <b>6713.5</b>
	14 <b>6576.5</b>		29 <b>6622.5</b>		14 <b>6668.5</b>		29 <b>6714.5</b>
	15 <b>6577.5</b>		30 <b>6623.5</b>		15 <b>6669.5</b>		30 <b>6715.5</b>
	16 <b>6578.5</b>		31 <b>6624.5</b>		16 <b>6670.5</b>	Dec.	1 <b>6716.5</b>
	17 <b>6579.5</b>	Sept.	1 <b>6625.5</b>		17 <b>6671.5</b>		2 <b>6717.5</b>
	18 <b>6580.5</b>		2 <b>6626.5</b>		18 <b>6672.5</b>		3 <b>6718.5</b>
	19 <b>6581.5</b>		3 <b>6627.5</b>		19 <b>6673.5</b>		4 <b>6719.5</b>
	20 <b>6582.5</b>		4 <b>6628.5</b>		20 <b>6674.5</b>		5 <b>6720.5</b>
	21 <b>6583.5</b>		5 <b>6629.5</b>		21 <b>6675.5</b>		6 <b>6721.5</b>
	22 <b>6584.5</b>		6 <b>6630.5</b>		22 <b>6676.5</b>		7 <b>6722.5</b>
	23 <b>6585.5</b>		7 <b>6631.5</b>		23 <b>6677.5</b>		8 <b>6723.5</b>
	24 <b>6586.5</b>		8 <b>6632.5</b>		24 <b>6678.5</b>		9 <b>6724.5</b>
	25 <b>6587.5</b>		9 <b>6633.5</b>		25 <b>6679.5</b>		10 <b>6725.5</b>
	26 <b>6588.5</b>		10 <b>6634.5</b>		26 <b>6680.5</b>		11 <b>6726.5</b>
	27 <b>6589.5</b>		11 <b>6635.5</b>		27 <b>6681.5</b>		12 <b>6727.5</b>
	28 <b>6590.5</b>		12 <b>6636.5</b>		28 <b>6682.5</b>		13 <b>6728.5</b>
	29 <b>6591.5</b>		13 <b>6637.5</b>		29 <b>6683.5</b>		14 <b>6729.5</b>
	30 <b>6592.5</b>		14 <b>6638.5</b>		30 <b>6684.5</b>		15 <b>6730.5</b>
	31 <b>6593.5</b>		15 <b>6639.5</b>		31 <b>6685.5</b>		16 <b>6731.5</b>
Aug.	1 <b>6594.5</b>		16 <b>6640.5</b>	Nov.	1 <b>6686.5</b>		17 <b>6732.5</b>
	2 <b>6595.5</b>		17 <b>6641.5</b>		2 <b>6687.5</b>		18 <b>6733.5</b>
	3 <b>6596.5</b>		18 <b>6642.5</b>		3 <b>6688.5</b>		19 <b>6734.5</b>
	4 <b>6597.5</b>		19 <b>6643.5</b>		4 <b>6689.5</b>		20 <b>6735.5</b>
	5 <b>6598.5</b>		20 <b>6644.5</b>		5 <b>6690.5</b>		21 <b>6736.5</b>
	6 <b>6599.5</b>		21 <b>6645.5</b>		6 <b>6691.5</b>		22 <b>6737.5</b>
	7 <b>6600.5</b>		22 <b>6646.5</b>		7 <b>6692.5</b>		23 <b>6738.5</b>
	8 <b>6601.5</b>		23 <b>6647.5</b>		8 <b>6693.5</b>		24 <b>6739.5</b>
	9 <b>6602.5</b>		24 <b>6648.5</b>		9 <b>6694.5</b>		25 <b>6740.5</b>
	10 <b>6603.5</b>		25 <b>6649.5</b>		10 <b>6695.5</b>		26 <b>6741.5</b>
	11 <b>6604.5</b>		26 <b>6650.5</b>		11 <b>6696.5</b>		27 <b>6742.5</b>
	12 <b>6605.5</b>		27 <b>6651.5</b>		12 <b>6697.5</b>		28 <b>6743.5</b>
	13 <b>6606.5</b>		28 <b>6652.5</b>		13 <b>6698.5</b>		29 <b>6744.5</b>
	14 <b>6607.5</b>		29 <b>6653.5</b>		14 <b>6699.5</b>		30 <b>6745.5</b>
	15 <b>6608.5</b>		30 <b>6654.5</b>		15 <b>6700.5</b>		31 <b>6746.5</b>

## JULIAN DAYS, 2069

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>247</b>		<b>247</b>		<b>247</b>		<b>247</b>
Jan.	0 <b>6746.5</b>	Feb.	15 <b>6792.5</b>	Apr.	2 <b>6838.5</b>	May	18 <b>6884.5</b>
	1 <b>6747.5</b>		16 <b>6793.5</b>		3 <b>6839.5</b>		19 <b>6885.5</b>
	2 <b>6748.5</b>		17 <b>6794.5</b>		4 <b>6840.5</b>		20 <b>6886.5</b>
	3 <b>6749.5</b>		18 <b>6795.5</b>		5 <b>6841.5</b>		21 <b>6887.5</b>
	4 <b>6750.5</b>		19 <b>6796.5</b>		6 <b>6842.5</b>		22 <b>6888.5</b>
	5 <b>6751.5</b>		20 <b>6797.5</b>		7 <b>6843.5</b>		23 <b>6889.5</b>
	6 <b>6752.5</b>		21 <b>6798.5</b>		8 <b>6844.5</b>		24 <b>6890.5</b>
	7 <b>6753.5</b>		22 <b>6799.5</b>		9 <b>6845.5</b>		25 <b>6891.5</b>
	8 <b>6754.5</b>		23 <b>6800.5</b>		10 <b>6846.5</b>		26 <b>6892.5</b>
	9 <b>6755.5</b>		24 <b>6801.5</b>		11 <b>6847.5</b>		27 <b>6893.5</b>
	10 <b>6756.5</b>		25 <b>6802.5</b>		12 <b>6848.5</b>		28 <b>6894.5</b>
	11 <b>6757.5</b>		26 <b>6803.5</b>		13 <b>6849.5</b>		29 <b>6895.5</b>
	12 <b>6758.5</b>		27 <b>6804.5</b>		14 <b>6850.5</b>		30 <b>6896.5</b>
	13 <b>6759.5</b>		28 <b>6805.5</b>		15 <b>6851.5</b>		31 <b>6897.5</b>
	14 <b>6760.5</b>	Mar.	1 <b>6806.5</b>		16 <b>6852.5</b>	June	1 <b>6898.5</b>
	15 <b>6761.5</b>		2 <b>6807.5</b>		17 <b>6853.5</b>		2 <b>6899.5</b>
	16 <b>6762.5</b>		3 <b>6808.5</b>		18 <b>6854.5</b>		3 <b>6900.5</b>
	17 <b>6763.5</b>		4 <b>6809.5</b>		19 <b>6855.5</b>		4 <b>6901.5</b>
	18 <b>6764.5</b>		5 <b>6810.5</b>		20 <b>6856.5</b>		5 <b>6902.5</b>
	19 <b>6765.5</b>		6 <b>6811.5</b>		21 <b>6857.5</b>		6 <b>6903.5</b>
	20 <b>6766.5</b>		7 <b>6812.5</b>		22 <b>6858.5</b>		7 <b>6904.5</b>
	21 <b>6767.5</b>		8 <b>6813.5</b>		23 <b>6859.5</b>		8 <b>6905.5</b>
	22 <b>6768.5</b>		9 <b>6814.5</b>		24 <b>6860.5</b>		9 <b>6906.5</b>
	23 <b>6769.5</b>		10 <b>6815.5</b>		25 <b>6861.5</b>		10 <b>6907.5</b>
	24 <b>6770.5</b>		11 <b>6816.5</b>		26 <b>6862.5</b>		11 <b>6908.5</b>
	25 <b>6771.5</b>		12 <b>6817.5</b>		27 <b>6863.5</b>		12 <b>6909.5</b>
	26 <b>6772.5</b>		13 <b>6818.5</b>		28 <b>6864.5</b>		13 <b>6910.5</b>
	27 <b>6773.5</b>		14 <b>6819.5</b>		29 <b>6865.5</b>		14 <b>6911.5</b>
	28 <b>6774.5</b>		15 <b>6820.5</b>		30 <b>6866.5</b>		15 <b>6912.5</b>
	29 <b>6775.5</b>		16 <b>6821.5</b>	May	1 <b>6867.5</b>		16 <b>6913.5</b>
	30 <b>6776.5</b>		17 <b>6822.5</b>		2 <b>6868.5</b>		17 <b>6914.5</b>
	31 <b>6777.5</b>		18 <b>6823.5</b>		3 <b>6869.5</b>		18 <b>6915.5</b>
Feb.	1 <b>6778.5</b>		19 <b>6824.5</b>		4 <b>6870.5</b>		19 <b>6916.5</b>
	2 <b>6779.5</b>		20 <b>6825.5</b>		5 <b>6871.5</b>		20 <b>6917.5</b>
	3 <b>6780.5</b>		21 <b>6826.5</b>		6 <b>6872.5</b>		21 <b>6918.5</b>
	4 <b>6781.5</b>		22 <b>6827.5</b>		7 <b>6873.5</b>		22 <b>6919.5</b>
	5 <b>6782.5</b>		23 <b>6828.5</b>		8 <b>6874.5</b>		23 <b>6920.5</b>
	6 <b>6783.5</b>		24 <b>6829.5</b>		9 <b>6875.5</b>		24 <b>6921.5</b>
	7 <b>6784.5</b>		25 <b>6830.5</b>		10 <b>6876.5</b>		25 <b>6922.5</b>
	8 <b>6785.5</b>		26 <b>6831.5</b>		11 <b>6877.5</b>		26 <b>6923.5</b>
	9 <b>6786.5</b>		27 <b>6832.5</b>		12 <b>6878.5</b>		27 <b>6924.5</b>
	10 <b>6787.5</b>		28 <b>6833.5</b>		13 <b>6879.5</b>		28 <b>6925.5</b>
	11 <b>6788.5</b>		29 <b>6834.5</b>		14 <b>6880.5</b>		29 <b>6926.5</b>
	12 <b>6789.5</b>		30 <b>6835.5</b>		15 <b>6881.5</b>		30 <b>6927.5</b>
	13 <b>6790.5</b>		31 <b>6836.5</b>		16 <b>6882.5</b>	July	1 <b>6928.5</b>
	14 <b>6791.5</b>	Apr.	1 <b>6837.5</b>		17 <b>6883.5</b>		2 <b>6929.5</b>

## JULIAN DAYS, 2069

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>247</b>		<b>247</b>		<b>247</b>		<b>247</b>
July	1 <b>6928.5</b>	Aug.	16 <b>6974.5</b>	Oct.	1 <b>7020.5</b>	Nov.	16 <b>7066.5</b>
	2 <b>6929.5</b>		17 <b>6975.5</b>		2 <b>7021.5</b>		17 <b>7067.5</b>
	3 <b>6930.5</b>		18 <b>6976.5</b>		3 <b>7022.5</b>		18 <b>7068.5</b>
	4 <b>6931.5</b>		19 <b>6977.5</b>		4 <b>7023.5</b>		19 <b>7069.5</b>
	5 <b>6932.5</b>		20 <b>6978.5</b>		5 <b>7024.5</b>		20 <b>7070.5</b>
	6 <b>6933.5</b>		21 <b>6979.5</b>		6 <b>7025.5</b>		21 <b>7071.5</b>
	7 <b>6934.5</b>		22 <b>6980.5</b>		7 <b>7026.5</b>		22 <b>7072.5</b>
	8 <b>6935.5</b>		23 <b>6981.5</b>		8 <b>7027.5</b>		23 <b>7073.5</b>
	9 <b>6936.5</b>		24 <b>6982.5</b>		9 <b>7028.5</b>		24 <b>7074.5</b>
	10 <b>6937.5</b>		25 <b>6983.5</b>		10 <b>7029.5</b>		25 <b>7075.5</b>
	11 <b>6938.5</b>		26 <b>6984.5</b>		11 <b>7030.5</b>		26 <b>7076.5</b>
	12 <b>6939.5</b>		27 <b>6985.5</b>		12 <b>7031.5</b>		27 <b>7077.5</b>
	13 <b>6940.5</b>		28 <b>6986.5</b>		13 <b>7032.5</b>		28 <b>7078.5</b>
	14 <b>6941.5</b>		29 <b>6987.5</b>		14 <b>7033.5</b>		29 <b>7079.5</b>
	15 <b>6942.5</b>		30 <b>6988.5</b>		15 <b>7034.5</b>		30 <b>7080.5</b>
	16 <b>6943.5</b>		31 <b>6989.5</b>		16 <b>7035.5</b>	Dec.	1 <b>7081.5</b>
	17 <b>6944.5</b>	Sept.	1 <b>6990.5</b>		17 <b>7036.5</b>		2 <b>7082.5</b>
	18 <b>6945.5</b>		2 <b>6991.5</b>		18 <b>7037.5</b>		3 <b>7083.5</b>
	19 <b>6946.5</b>		3 <b>6992.5</b>		19 <b>7038.5</b>		4 <b>7084.5</b>
	20 <b>6947.5</b>		4 <b>6993.5</b>		20 <b>7039.5</b>		5 <b>7085.5</b>
	21 <b>6948.5</b>		5 <b>6994.5</b>		21 <b>7040.5</b>		6 <b>7086.5</b>
	22 <b>6949.5</b>		6 <b>6995.5</b>		22 <b>7041.5</b>		7 <b>7087.5</b>
	23 <b>6950.5</b>		7 <b>6996.5</b>		23 <b>7042.5</b>		8 <b>7088.5</b>
	24 <b>6951.5</b>		8 <b>6997.5</b>		24 <b>7043.5</b>		9 <b>7089.5</b>
	25 <b>6952.5</b>		9 <b>6998.5</b>		25 <b>7044.5</b>		10 <b>7090.5</b>
	26 <b>6953.5</b>		10 <b>6999.5</b>		26 <b>7045.5</b>		11 <b>7091.5</b>
	27 <b>6954.5</b>		11 <b>7000.5</b>		27 <b>7046.5</b>		12 <b>7092.5</b>
	28 <b>6955.5</b>		12 <b>7001.5</b>		28 <b>7047.5</b>		13 <b>7093.5</b>
	29 <b>6956.5</b>		13 <b>7002.5</b>		29 <b>7048.5</b>		14 <b>7094.5</b>
	30 <b>6957.5</b>		14 <b>7003.5</b>		30 <b>7049.5</b>		15 <b>7095.5</b>
	31 <b>6958.5</b>		15 <b>7004.5</b>		31 <b>7050.5</b>		16 <b>7096.5</b>
Aug.	1 <b>6959.5</b>		16 <b>7005.5</b>	Nov.	1 <b>7051.5</b>		17 <b>7097.5</b>
	2 <b>6960.5</b>		17 <b>7006.5</b>		2 <b>7052.5</b>		18 <b>7098.5</b>
	3 <b>6961.5</b>		18 <b>7007.5</b>		3 <b>7053.5</b>		19 <b>7099.5</b>
	4 <b>6962.5</b>		19 <b>7008.5</b>		4 <b>7054.5</b>		20 <b>7100.5</b>
	5 <b>6963.5</b>		20 <b>7009.5</b>		5 <b>7055.5</b>		21 <b>7101.5</b>
	6 <b>6964.5</b>		21 <b>7010.5</b>		6 <b>7056.5</b>		22 <b>7102.5</b>
	7 <b>6965.5</b>		22 <b>7011.5</b>		7 <b>7057.5</b>		23 <b>7103.5</b>
	8 <b>6966.5</b>		23 <b>7012.5</b>		8 <b>7058.5</b>		24 <b>7104.5</b>
	9 <b>6967.5</b>		24 <b>7013.5</b>		9 <b>7059.5</b>		25 <b>7105.5</b>
	10 <b>6968.5</b>		25 <b>7014.5</b>		10 <b>7060.5</b>		26 <b>7106.5</b>
	11 <b>6969.5</b>		26 <b>7015.5</b>		11 <b>7061.5</b>		27 <b>7107.5</b>
	12 <b>6970.5</b>		27 <b>7016.5</b>		12 <b>7062.5</b>		28 <b>7108.5</b>
	13 <b>6971.5</b>		28 <b>7017.5</b>		13 <b>7063.5</b>		29 <b>7109.5</b>
	14 <b>6972.5</b>		29 <b>7018.5</b>		14 <b>7064.5</b>		30 <b>7110.5</b>
	15 <b>6973.5</b>		30 <b>7019.5</b>		15 <b>7065.5</b>		31 <b>7111.5</b>

## JULIAN DAYS, 2070

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>247</b>		<b>247</b>		<b>247</b>		<b>247</b>
Jan.	0 7111.5	Feb.	15 7157.5	Apr.	2 7203.5	May	18 7249.5
	1 7112.5		16 7158.5		3 7204.5		19 7250.5
	2 7113.5		17 7159.5		4 7205.5		20 7251.5
	3 7114.5		18 7160.5		5 7206.5		21 7252.5
	4 7115.5		19 7161.5		6 7207.5		22 7253.5
	5 7116.5		20 7162.5		7 7208.5		23 7254.5
	6 7117.5		21 7163.5		8 7209.5		24 7255.5
	7 7118.5		22 7164.5		9 7210.5		25 7256.5
	8 7119.5		23 7165.5		10 7211.5		26 7257.5
	9 7120.5		24 7166.5		11 7212.5		27 7258.5
	10 7121.5		25 7167.5		12 7213.5		28 7259.5
	11 7122.5		26 7168.5		13 7214.5		29 7260.5
	12 7123.5		27 7169.5		14 7215.5		30 7261.5
	13 7124.5		28 7170.5		15 7216.5		31 7262.5
	14 7125.5	Mar.	1 7171.5		16 7217.5	June	1 7263.5
	15 7126.5		2 7172.5		17 7218.5		2 7264.5
	16 7127.5		3 7173.5		18 7219.5		3 7265.5
	17 7128.5		4 7174.5		19 7220.5		4 7266.5
	18 7129.5		5 7175.5		20 7221.5		5 7267.5
	19 7130.5		6 7176.5		21 7222.5		6 7268.5
	20 7131.5		7 7177.5		22 7223.5		7 7269.5
	21 7132.5		8 7178.5		23 7224.5		8 7270.5
	22 7133.5		9 7179.5		24 7225.5		9 7271.5
	23 7134.5		10 7180.5		25 7226.5		10 7272.5
	24 7135.5		11 7181.5		26 7227.5		11 7273.5
	25 7136.5		12 7182.5		27 7228.5		12 7274.5
	26 7137.5		13 7183.5		28 7229.5		13 7275.5
	27 7138.5		14 7184.5		29 7230.5		14 7276.5
	28 7139.5		15 7185.5		30 7231.5		15 7277.5
	29 7140.5		16 7186.5	May	1 7232.5		16 7278.5
	30 7141.5		17 7187.5		2 7233.5		17 7279.5
	31 7142.5		18 7188.5		3 7234.5		18 7280.5
Feb.	1 7143.5		19 7189.5		4 7235.5		19 7281.5
	2 7144.5		20 7190.5		5 7236.5		20 7282.5
	3 7145.5		21 7191.5		6 7237.5		21 7283.5
	4 7146.5		22 7192.5		7 7238.5		22 7284.5
	5 7147.5		23 7193.5		8 7239.5		23 7285.5
	6 7148.5		24 7194.5		9 7240.5		24 7286.5
	7 7149.5		25 7195.5		10 7241.5		25 7287.5
	8 7150.5		26 7196.5		11 7242.5		26 7288.5
	9 7151.5		27 7197.5		12 7243.5		27 7289.5
	10 7152.5		28 7198.5		13 7244.5		28 7290.5
	11 7153.5		29 7199.5		14 7245.5		29 7291.5
	12 7154.5		30 7200.5		15 7246.5		30 7292.5
	13 7155.5		31 7201.5		16 7247.5	July	1 7293.5
	14 7156.5	Apr.	1 7202.5		17 7248.5		2 7294.5

## JULIAN DAYS, 2070

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>247</b>		<b>247</b>		<b>247</b>		<b>247</b>
July	1 7293.5	Aug.	16 7339.5	Oct.	1 7385.5	Nov.	16 7431.5
	2 7294.5		17 7340.5		2 7386.5		17 7432.5
	3 7295.5		18 7341.5		3 7387.5		18 7433.5
	4 7296.5		19 7342.5		4 7388.5		19 7434.5
	5 7297.5		20 7343.5		5 7389.5		20 7435.5
	6 7298.5		21 7344.5		6 7390.5		21 7436.5
	7 7299.5		22 7345.5		7 7391.5		22 7437.5
	8 7300.5		23 7346.5		8 7392.5		23 7438.5
	9 7301.5		24 7347.5		9 7393.5		24 7439.5
	10 7302.5		25 7348.5		10 7394.5		25 7440.5
	11 7303.5		26 7349.5		11 7395.5		26 7441.5
	12 7304.5		27 7350.5		12 7396.5		27 7442.5
	13 7305.5		28 7351.5		13 7397.5		28 7443.5
	14 7306.5		29 7352.5		14 7398.5		29 7444.5
	15 7307.5		30 7353.5		15 7399.5		30 7445.5
	16 7308.5		31 7354.5		16 7400.5	Dec.	1 7446.5
	17 7309.5	Sept.	1 7355.5		17 7401.5		2 7447.5
	18 7310.5		2 7356.5		18 7402.5		3 7448.5
	19 7311.5		3 7357.5		19 7403.5		4 7449.5
	20 7312.5		4 7358.5		20 7404.5		5 7450.5
	21 7313.5		5 7359.5		21 7405.5		6 7451.5
	22 7314.5		6 7360.5		22 7406.5		7 7452.5
	23 7315.5		7 7361.5		23 7407.5		8 7453.5
	24 7316.5		8 7362.5		24 7408.5		9 7454.5
	25 7317.5		9 7363.5		25 7409.5		10 7455.5
	26 7318.5		10 7364.5		26 7410.5		11 7456.5
	27 7319.5		11 7365.5		27 7411.5		12 7457.5
	28 7320.5		12 7366.5		28 7412.5		13 7458.5
	29 7321.5		13 7367.5		29 7413.5		14 7459.5
	30 7322.5		14 7368.5		30 7414.5		15 7460.5
	31 7323.5		15 7369.5		31 7415.5		16 7461.5
Aug.	1 7324.5		16 7370.5	Nov.	1 7416.5		17 7462.5
	2 7325.5		17 7371.5		2 7417.5		18 7463.5
	3 7326.5		18 7372.5		3 7418.5		19 7464.5
	4 7327.5		19 7373.5		4 7419.5		20 7465.5
	5 7328.5		20 7374.5		5 7420.5		21 7466.5
	6 7329.5		21 7375.5		6 7421.5		22 7467.5
	7 7330.5		22 7376.5		7 7422.5		23 7468.5
	8 7331.5		23 7377.5		8 7423.5		24 7469.5
	9 7332.5		24 7378.5		9 7424.5		25 7470.5
	10 7333.5		25 7379.5		10 7425.5		26 7471.5
	11 7334.5		26 7380.5		11 7426.5		27 7472.5
	12 7335.5		27 7381.5		12 7427.5		28 7473.5
	13 7336.5		28 7382.5		13 7428.5		29 7474.5
	14 7337.5		29 7383.5		14 7429.5		30 7475.5
	15 7338.5		30 7384.5		15 7430.5		31 7476.5

## JULIAN DAYS, 2071

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>247</b>		<b>247</b>		<b>247</b>		<b>247</b>
Jan.	0 7476.5	Feb.	15 7522.5	Apr.	2 7568.5	May	18 7614.5
	1 7477.5		16 7523.5		3 7569.5		19 7615.5
	2 7478.5		17 7524.5		4 7570.5		20 7616.5
	3 7479.5		18 7525.5		5 7571.5		21 7617.5
	4 7480.5		19 7526.5		6 7572.5		22 7618.5
	5 7481.5		20 7527.5		7 7573.5		23 7619.5
	6 7482.5		21 7528.5		8 7574.5		24 7620.5
	7 7483.5		22 7529.5		9 7575.5		25 7621.5
	8 7484.5		23 7530.5		10 7576.5		26 7622.5
	9 7485.5		24 7531.5		11 7577.5		27 7623.5
	10 7486.5		25 7532.5		12 7578.5		28 7624.5
	11 7487.5		26 7533.5		13 7579.5		29 7625.5
	12 7488.5		27 7534.5		14 7580.5		30 7626.5
	13 7489.5		28 7535.5		15 7581.5		31 7627.5
	14 7490.5	Mar.	1 7536.5		16 7582.5	June	1 7628.5
	15 7491.5		2 7537.5		17 7583.5		2 7629.5
	16 7492.5		3 7538.5		18 7584.5		3 7630.5
	17 7493.5		4 7539.5		19 7585.5		4 7631.5
	18 7494.5		5 7540.5		20 7586.5		5 7632.5
	19 7495.5		6 7541.5		21 7587.5		6 7633.5
	20 7496.5		7 7542.5		22 7588.5		7 7634.5
	21 7497.5		8 7543.5		23 7589.5		8 7635.5
	22 7498.5		9 7544.5		24 7590.5		9 7636.5
	23 7499.5		10 7545.5		25 7591.5		10 7637.5
	24 7500.5		11 7546.5		26 7592.5		11 7638.5
	25 7501.5		12 7547.5		27 7593.5		12 7639.5
	26 7502.5		13 7548.5		28 7594.5		13 7640.5
	27 7503.5		14 7549.5		29 7595.5		14 7641.5
	28 7504.5		15 7550.5		30 7596.5		15 7642.5
	29 7505.5		16 7551.5	May	1 7597.5		16 7643.5
	30 7506.5		17 7552.5		2 7598.5		17 7644.5
	31 7507.5		18 7553.5		3 7599.5		18 7645.5
Feb.	1 7508.5		19 7554.5		4 7600.5		19 7646.5
	2 7509.5		20 7555.5		5 7601.5		20 7647.5
	3 7510.5		21 7556.5		6 7602.5		21 7648.5
	4 7511.5		22 7557.5		7 7603.5		22 7649.5
	5 7512.5		23 7558.5		8 7604.5		23 7650.5
	6 7513.5		24 7559.5		9 7605.5		24 7651.5
	7 7514.5		25 7560.5		10 7606.5		25 7652.5
	8 7515.5		26 7561.5		11 7607.5		26 7653.5
	9 7516.5		27 7562.5		12 7608.5		27 7654.5
	10 7517.5		28 7563.5		13 7609.5		28 7655.5
	11 7518.5		29 7564.5		14 7610.5		29 7656.5
	12 7519.5		30 7565.5		15 7611.5		30 7657.5
	13 7520.5		31 7566.5		16 7612.5	July	1 7658.5
	14 7521.5	Apr.	1 7567.5		17 7613.5		2 7659.5



# JULIAN DAYS, 2071

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>247</b>		<b>247</b>		<b>247</b>		<b>247</b>
July	1 <b>7658.5</b>	Aug.	16 <b>7704.5</b>	Oct.	1 <b>7750.5</b>	Nov.	16 <b>7796.5</b>
	2 <b>7659.5</b>		17 <b>7705.5</b>		2 <b>7751.5</b>		17 <b>7797.5</b>
	3 <b>7660.5</b>		18 <b>7706.5</b>		3 <b>7752.5</b>		18 <b>7798.5</b>
	4 <b>7661.5</b>		19 <b>7707.5</b>		4 <b>7753.5</b>		19 <b>7799.5</b>
	5 <b>7662.5</b>		20 <b>7708.5</b>		5 <b>7754.5</b>		20 <b>7800.5</b>
	6 <b>7663.5</b>		21 <b>7709.5</b>		6 <b>7755.5</b>		21 <b>7801.5</b>
	7 <b>7664.5</b>		22 <b>7710.5</b>		7 <b>7756.5</b>		22 <b>7802.5</b>
	8 <b>7665.5</b>		23 <b>7711.5</b>		8 <b>7757.5</b>		23 <b>7803.5</b>
	9 <b>7666.5</b>		24 <b>7712.5</b>		9 <b>7758.5</b>		24 <b>7804.5</b>
	10 <b>7667.5</b>		25 <b>7713.5</b>		10 <b>7759.5</b>		25 <b>7805.5</b>
	11 <b>7668.5</b>		26 <b>7714.5</b>		11 <b>7760.5</b>		26 <b>7806.5</b>
	12 <b>7669.5</b>		27 <b>7715.5</b>		12 <b>7761.5</b>		27 <b>7807.5</b>
	13 <b>7670.5</b>		28 <b>7716.5</b>		13 <b>7762.5</b>		28 <b>7808.5</b>
	14 <b>7671.5</b>		29 <b>7717.5</b>		14 <b>7763.5</b>		29 <b>7809.5</b>
	15 <b>7672.5</b>		30 <b>7718.5</b>		15 <b>7764.5</b>		30 <b>7810.5</b>
	16 <b>7673.5</b>		31 <b>7719.5</b>		16 <b>7765.5</b>	Dec.	1 <b>7811.5</b>
	17 <b>7674.5</b>	Sept.	1 <b>7720.5</b>		17 <b>7766.5</b>		2 <b>7812.5</b>
	18 <b>7675.5</b>		2 <b>7721.5</b>		18 <b>7767.5</b>		3 <b>7813.5</b>
	19 <b>7676.5</b>		3 <b>7722.5</b>		19 <b>7768.5</b>		4 <b>7814.5</b>
	20 <b>7677.5</b>		4 <b>7723.5</b>		20 <b>7769.5</b>		5 <b>7815.5</b>
	21 <b>7678.5</b>		5 <b>7724.5</b>		21 <b>7770.5</b>		6 <b>7816.5</b>
	22 <b>7679.5</b>		6 <b>7725.5</b>		22 <b>7771.5</b>		7 <b>7817.5</b>
	23 <b>7680.5</b>		7 <b>7726.5</b>		23 <b>7772.5</b>		8 <b>7818.5</b>
	24 <b>7681.5</b>		8 <b>7727.5</b>		24 <b>7773.5</b>		9 <b>7819.5</b>
	25 <b>7682.5</b>		9 <b>7728.5</b>		25 <b>7774.5</b>		10 <b>7820.5</b>
	26 <b>7683.5</b>		10 <b>7729.5</b>		26 <b>7775.5</b>		11 <b>7821.5</b>
	27 <b>7684.5</b>		11 <b>7730.5</b>		27 <b>7776.5</b>		12 <b>7822.5</b>
	28 <b>7685.5</b>		12 <b>7731.5</b>		28 <b>7777.5</b>		13 <b>7823.5</b>
	29 <b>7686.5</b>		13 <b>7732.5</b>		29 <b>7778.5</b>		14 <b>7824.5</b>
	30 <b>7687.5</b>		14 <b>7733.5</b>		30 <b>7779.5</b>		15 <b>7825.5</b>
	31 <b>7688.5</b>		15 <b>7734.5</b>		31 <b>7780.5</b>		16 <b>7826.5</b>
Aug.	1 <b>7689.5</b>		16 <b>7735.5</b>	Nov.	1 <b>7781.5</b>		17 <b>7827.5</b>
	2 <b>7690.5</b>		17 <b>7736.5</b>		2 <b>7782.5</b>		18 <b>7828.5</b>
	3 <b>7691.5</b>		18 <b>7737.5</b>		3 <b>7783.5</b>		19 <b>7829.5</b>
	4 <b>7692.5</b>		19 <b>7738.5</b>		4 <b>7784.5</b>		20 <b>7830.5</b>
	5 <b>7693.5</b>		20 <b>7739.5</b>		5 <b>7785.5</b>		21 <b>7831.5</b>
	6 <b>7694.5</b>		21 <b>7740.5</b>		6 <b>7786.5</b>		22 <b>7832.5</b>
	7 <b>7695.5</b>		22 <b>7741.5</b>		7 <b>7787.5</b>		23 <b>7833.5</b>
	8 <b>7696.5</b>		23 <b>7742.5</b>		8 <b>7788.5</b>		24 <b>7834.5</b>
	9 <b>7697.5</b>		24 <b>7743.5</b>		9 <b>7789.5</b>		25 <b>7835.5</b>
	10 <b>7698.5</b>		25 <b>7744.5</b>		10 <b>7790.5</b>		26 <b>7836.5</b>
	11 <b>7699.5</b>		26 <b>7745.5</b>		11 <b>7791.5</b>		27 <b>7837.5</b>
	12 <b>7700.5</b>		27 <b>7746.5</b>		12 <b>7792.5</b>		28 <b>7838.5</b>
	13 <b>7701.5</b>		28 <b>7747.5</b>		13 <b>7793.5</b>		29 <b>7839.5</b>
	14 <b>7702.5</b>		29 <b>7748.5</b>		14 <b>7794.5</b>		30 <b>7840.5</b>
	15 <b>7703.5</b>		30 <b>7749.5</b>		15 <b>7795.5</b>		31 <b>7841.5</b>

## JULIAN DAYS, 2072

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>247</b>		<b>247</b>		<b>247</b>		<b>247</b>
Jan.	0 7841.5	Feb.	15 7887.5	Apr.	1 7933.5	May	17 7979.5
	1 7842.5		16 7888.5		2 7934.5		18 7980.5
	2 7843.5		17 7889.5		3 7935.5		10 7981.5
	3 7844.5		18 7890.5		4 7936.5		20 7982.5
	4 7845.5		19 7891.5		5 7937.5		21 7983.5
	5 7846.5		20 7892.5		6 7938.5		22 7984.5
	6 7847.5		21 7893.5		7 7939.5		23 7985.5
	7 7848.5		22 7894.5		8 7940.5		24 7986.5
	8 7849.5		23 7895.5		9 7941.5		25 7987.5
	9 7850.5		24 7896.5		10 7942.5		26 7988.5
	10 7851.5		25 7897.5		11 7943.5		27 7989.5
	11 7852.5		26 7898.5		12 7944.5		28 7990.5
	12 7853.5		27 7899.5		13 7945.5		29 7991.5
	13 7854.5		28 7900.5		14 7946.5		30 7992.5
	14 7855.5		29 7901.5		15 7947.5		31 7993.5
	15 7856.5	Mar.	1 7902.5		16 7948.5	June	1 7994.5
	16 7857.5		2 7903.5		17 7949.5		2 7995.5
	17 7858.5		3 7904.5		18 7950.5		3 7996.5
	18 7859.5		4 7905.5		19 7951.5		4 7997.5
	19 7860.5		5 7906.5		20 7952.5		5 7998.5
	20 7861.5		6 7907.5		21 7953.5		6 7999.5
	21 7862.5		7 7908.5		22 7954.5		7 8000.5
	22 7863.5		8 7909.5		23 7955.5		8 8001.5
	23 7864.5		9 7910.5		24 7956.5		9 8002.5
	24 7865.5		10 7911.5		25 7957.5		10 8003.5
	25 7866.5		11 7912.5		26 7958.5		11 8004.5
	26 7867.5		12 7913.5		27 7959.5		12 8005.5
	27 7868.5		13 7914.5		28 7960.5		13 8006.5
	28 7869.5		14 7915.5		29 7961.5		14 8007.5
	29 7870.5		15 7916.5		30 7962.5		15 8008.5
	30 7871.5		16 7917.5	May	1 7963.5		16 8009.5
	31 7872.5		17 7918.5		2 7964.5		17 8010.5
Feb.	1 7873.5		18 7919.5		3 7965.5		18 8011.5
	2 7874.5		19 7920.5		4 7966.5		19 8012.5
	3 7875.5		20 7921.5		5 7967.5		20 8013.5
	4 7876.5		21 7922.5		6 7968.5		21 8014.5
	5 7877.5		22 7923.5		7 7969.5		22 8015.5
	6 7878.5		23 7924.5		8 7970.5		23 8016.5
	7 7879.5		24 7925.5		9 7971.5		24 8017.5
	8 7880.5		25 7926.5		10 7972.5		25 8018.5
	9 7881.5		26 7927.5		11 7973.5		26 8019.5
	10 7882.5		27 7928.5		12 7974.5		27 8020.5
	11 7883.5		28 7929.5		13 7975.5		28 8021.5
	12 7884.5		29 7930.5		14 7976.5		29 8022.5
	13 7885.5		30 7931.5		15 7977.5		30 8023.5
	14 7886.5		31 7932.5		16 7978.5	July	1 8024.5

## JULIAN DAYS, 2072

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>247</b>		<b>247</b>		<b>247</b>		<b>247</b>
July	1 <b>8024.5</b>	Aug.	16 <b>8070.5</b>	Oct.	1 <b>8116.5</b>	Nov.	16 <b>8162.5</b>
	2 <b>8025.5</b>		17 <b>8071.5</b>		2 <b>8117.5</b>		17 <b>8163.5</b>
	3 <b>8026.5</b>		18 <b>8072.5</b>		3 <b>8118.5</b>		18 <b>8164.5</b>
	4 <b>8027.5</b>		19 <b>8073.5</b>		4 <b>8119.5</b>		19 <b>8165.5</b>
	5 <b>8028.5</b>		20 <b>8074.5</b>		5 <b>8120.5</b>		20 <b>8166.5</b>
	6 <b>8029.5</b>		21 <b>8075.5</b>		6 <b>8121.5</b>		21 <b>8167.5</b>
	7 <b>8030.5</b>		22 <b>8076.5</b>		7 <b>8122.5</b>		22 <b>8168.5</b>
	8 <b>8031.5</b>		23 <b>8077.5</b>		8 <b>8123.5</b>		23 <b>8169.5</b>
	9 <b>8032.5</b>		24 <b>8078.5</b>		9 <b>8124.5</b>		24 <b>8170.5</b>
	10 <b>8033.5</b>		25 <b>8079.5</b>		10 <b>8125.5</b>		25 <b>8171.5</b>
	11 <b>8034.5</b>		26 <b>8080.5</b>		11 <b>8126.5</b>		26 <b>8172.5</b>
	12 <b>8035.5</b>		27 <b>8081.5</b>		12 <b>8127.5</b>		27 <b>8173.5</b>
	13 <b>8036.5</b>		28 <b>8082.5</b>		13 <b>8128.5</b>		28 <b>8174.5</b>
	14 <b>8037.5</b>		29 <b>8083.5</b>		14 <b>8129.5</b>		29 <b>8175.5</b>
	15 <b>8038.5</b>		30 <b>8084.5</b>		15 <b>8130.5</b>		30 <b>8176.5</b>
	16 <b>8039.5</b>		31 <b>8085.5</b>		16 <b>8131.5</b>	Dec.	1 <b>8177.5</b>
	17 <b>8040.5</b>	Sept.	1 <b>8086.5</b>		17 <b>8132.5</b>		2 <b>8178.5</b>
	18 <b>8041.5</b>		2 <b>8087.5</b>		18 <b>8133.5</b>		3 <b>8179.5</b>
	19 <b>8042.5</b>		3 <b>8088.5</b>		19 <b>8134.5</b>		4 <b>8180.5</b>
	20 <b>8043.5</b>		4 <b>8089.5</b>		20 <b>8135.5</b>		5 <b>8181.5</b>
	21 <b>8044.5</b>		5 <b>8090.5</b>		21 <b>8136.5</b>		6 <b>8182.5</b>
	22 <b>8045.5</b>		6 <b>8091.5</b>		22 <b>8137.5</b>		7 <b>8183.5</b>
	23 <b>8046.5</b>		7 <b>8092.5</b>		23 <b>8138.5</b>		8 <b>8184.5</b>
	24 <b>8047.5</b>		8 <b>8093.5</b>		24 <b>8139.5</b>		9 <b>8185.5</b>
	25 <b>8048.5</b>		9 <b>8094.5</b>		25 <b>8140.5</b>		10 <b>8186.5</b>
	26 <b>8049.5</b>		10 <b>8095.5</b>		26 <b>8141.5</b>		11 <b>8187.5</b>
	27 <b>8050.5</b>		11 <b>8096.5</b>		27 <b>8142.5</b>		12 <b>8188.5</b>
	28 <b>8051.5</b>		12 <b>8097.5</b>		28 <b>8143.5</b>		13 <b>8189.5</b>
	29 <b>8052.5</b>		13 <b>8098.5</b>		29 <b>8144.5</b>		14 <b>8190.5</b>
	30 <b>8053.5</b>		14 <b>8099.5</b>		30 <b>8145.5</b>		15 <b>8191.5</b>
	31 <b>8054.5</b>		15 <b>8100.5</b>		31 <b>8146.5</b>		16 <b>8192.5</b>
Aug.	1 <b>8055.5</b>		16 <b>8101.5</b>	Nov.	1 <b>8147.5</b>		17 <b>8193.5</b>
	2 <b>8056.5</b>		17 <b>8102.5</b>		2 <b>8148.5</b>		18 <b>8194.5</b>
	3 <b>8057.5</b>		18 <b>8103.5</b>		3 <b>8149.5</b>		19 <b>8195.5</b>
	4 <b>8058.5</b>		19 <b>8104.5</b>		4 <b>8150.5</b>		20 <b>8196.5</b>
	5 <b>8059.5</b>		20 <b>8105.5</b>		5 <b>8151.5</b>		21 <b>8197.5</b>
	6 <b>8060.5</b>		21 <b>8106.5</b>		6 <b>8152.5</b>		22 <b>8198.5</b>
	7 <b>8061.5</b>		22 <b>8107.5</b>		7 <b>8153.5</b>		23 <b>8199.5</b>
	8 <b>8062.5</b>		23 <b>8108.5</b>		8 <b>8154.5</b>		24 <b>8200.5</b>
	9 <b>8063.5</b>		24 <b>8109.5</b>		9 <b>8155.5</b>		25 <b>8201.5</b>
	10 <b>8064.5</b>		25 <b>8110.5</b>		10 <b>8156.5</b>		26 <b>8202.5</b>
	11 <b>8065.5</b>		26 <b>8111.5</b>		11 <b>8157.5</b>		27 <b>8203.5</b>
	12 <b>8066.5</b>		27 <b>8112.5</b>		12 <b>8158.5</b>		28 <b>8204.5</b>
	13 <b>8067.5</b>		28 <b>8113.5</b>		13 <b>8159.5</b>		29 <b>8205.5</b>
	14 <b>8068.5</b>		29 <b>8114.5</b>		14 <b>8160.5</b>		30 <b>8206.5</b>
	15 <b>8069.5</b>		30 <b>8115.5</b>		15 <b>8161.5</b>		31 <b>8207.5</b>

## JULIAN DAYS, 2073

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>247</b>		<b>247</b>		<b>247</b>		<b>247</b>
Jan.	0 8207.5	Feb.	15 8253.5	Apr.	2 8299.5	May	18 8345.5
	1 8208.5		16 8254.5		3 8300.5		19 8346.5
	2 8209.5		17 8255.5		4 8301.5		20 8347.5
	3 8210.5		18 8256.5		5 8302.5		21 8348.5
	4 8211.5		19 8257.5		6 8303.5		22 8349.5
	5 8212.5		20 8258.5		7 8304.5		23 8350.5
	6 8213.5		21 8259.5		8 8305.5		24 8351.5
	7 8214.5		22 8260.5		9 8306.5		25 8352.5
	8 8215.5		23 8261.5		10 8307.5		26 8353.5
	9 8216.5		24 8262.5		11 8308.5		27 8354.5
	10 8217.5		25 8263.5		12 8309.5		28 8355.5
	11 8218.5		26 8264.5		13 8310.5		29 8356.5
	12 8219.5		27 8265.5		14 8311.5		30 8357.5
	13 8220.5		28 8266.5		15 8312.5		31 8358.5
	14 8221.5	Mar.	1 8267.5		16 8313.5	June	1 8359.5
	15 8222.5		2 8268.5		17 8314.5		2 8360.5
	16 8223.5		3 8269.5		18 8315.5		3 8361.5
	17 8224.5		4 8270.5		19 8316.5		4 8362.5
	18 8225.5		5 8271.5		20 8317.5		5 8363.5
	19 8226.5		6 8272.5		21 8318.5		6 8364.5
	20 8227.5		7 8273.5		22 8319.5		7 8365.5
	21 8228.5		8 8274.5		23 8320.5		8 8366.5
	22 8229.5		9 8275.5		24 8321.5		9 8367.5
	23 8230.5		10 8276.5		25 8322.5		10 8368.5
	24 8231.5		11 8277.5		26 8323.5		11 8369.5
	25 8232.5		12 8278.5		27 8324.5		12 8370.5
	26 8233.5		13 8279.5		28 8325.5		13 8371.5
	27 8234.5		14 8280.5		29 8326.5		14 8372.5
	28 8235.5		15 8281.5		30 8327.5		15 8373.5
	29 8236.5		16 8282.5	May	1 8328.5		16 8374.5
	30 8237.5		17 8283.5		2 8329.5		17 8375.5
	31 8238.5		18 8284.5		3 8330.5		18 8376.5
Feb.	1 8239.5		19 8285.5		4 8331.5		19 8377.5
	2 8240.5		20 8286.5		5 8332.5		20 8378.5
	3 8241.5		21 8287.5		6 8333.5		21 8379.5
	4 8242.5		22 8288.5		7 8334.5		22 8380.5
	5 8243.5		23 8289.5		8 8335.5		23 8381.5
	6 8244.5		24 8290.5		9 8336.5		24 8382.5
	7 8245.5		25 8291.5		10 8337.5		25 8383.5
	8 8246.5		26 8292.5		11 8338.5		26 8384.5
	9 8247.5		27 8293.5		12 8339.5		27 8385.5
	10 8248.5		28 8294.5		13 8340.5		28 8386.5
	11 8249.5		29 8295.5		14 8341.5		29 8387.5
	12 8250.5		30 8296.5		15 8342.5		30 8388.5
	13 8251.5		31 8297.5		16 8343.5	July	1 8389.5
	14 8252.5	Apr.	1 8298.5		17 8344.5		2 8390.5

## JULIAN DAYS, 2073

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>247</b>		<b>247</b>		<b>247</b>		<b>247</b>
July	1 8389.5	Aug.	16 8435.5	Oct.	1 8481.5	Nov.	16 8527.5
	2 8390.5		17 8436.5		2 8482.5		17 8528.5
	3 8391.5		18 8437.5		3 8483.5		18 8529.5
	4 8392.5		19 8438.5		4 8484.5		19 8530.5
	5 8393.5		20 8439.5		5 8485.5		20 8531.5
	6 8394.5		21 8440.5		6 8486.5		21 8532.5
	7 8395.5		22 8441.5		7 8487.5		22 8533.5
	8 8396.5		23 8442.5		8 8488.5		23 8534.5
	9 8397.5		24 8443.5		9 8489.5		24 8535.5
	10 8398.5		25 8444.5		10 8490.5		25 8536.5
	11 8399.5		26 8445.5		11 8491.5		26 8537.5
	12 8400.5		27 8446.5		12 8492.5		27 8538.5
	13 8401.5		28 8447.5		13 8493.5		28 8539.5
	14 8402.5		29 8448.5		14 8494.5		29 8540.5
	15 8403.5		30 8449.5		15 8495.5		30 8541.5
	16 8404.5		31 8450.5		16 8496.5	Dec.	1 8542.5
	17 8405.5	Sept.	1 8451.5		17 8497.5		2 8543.5
	18 8406.5		2 8452.5		18 8498.5		3 8544.5
	19 8407.5		3 8453.5		19 8499.5		4 8545.5
	20 8408.5		4 8454.5		20 8500.5		5 8546.5
	21 8409.5		5 8455.5		21 8501.5		6 8547.5
	22 8410.5		6 8456.5		22 8502.5		7 8548.5
	23 8411.5		7 8457.5		23 8503.5		8 8549.5
	24 8412.5		8 8458.5		24 8504.5		9 8550.5
	25 8413.5		9 8459.5		25 8505.5		10 8551.5
	26 8414.5		10 8460.5		26 8506.5		11 8552.5
	27 8415.5		11 8461.5		27 8507.5		12 8553.5
	28 8416.5		12 8462.5		28 8508.5		13 8554.5
	29 8417.5		13 8463.5		29 8509.5		14 8555.5
	30 8418.5		14 8464.5		30 8510.5		15 8556.5
	31 8419.5		15 8465.5		31 8511.5		16 8557.5
Aug.	1 8420.5		16 8466.5	Nov.	1 8512.5		17 8558.5
	2 8421.5		17 8467.5		2 8513.5		18 8559.5
	3 8422.5		18 8468.5		3 8514.5		19 8560.5
	4 8423.5		19 8469.5		4 8515.5		20 8561.5
	5 8424.5		20 8470.5		5 8516.5		21 8562.5
	6 8425.5		21 8471.5		6 8517.5		22 8563.5
	7 8426.5		22 8472.5		7 8518.5		23 8564.5
	8 8427.5		23 8473.5		8 8519.5		24 8565.5
	9 8428.5		24 8474.5		9 8520.5		25 8566.5
	10 8429.5		25 8475.5		10 8521.5		26 8567.5
	11 8430.5		26 8476.5		11 8522.5		27 8568.5
	12 8431.5		27 8477.5		12 8523.5		28 8569.5
	13 8432.5		28 8478.5		13 8524.5		29 8570.5
	14 8433.5		29 8479.5		14 8525.5		30 8571.5
	15 8434.5		30 8480.5		15 8526.5		31 8572.5

## JULIAN DAYS, 2074

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>247</b>		<b>247</b>		<b>247</b>		<b>247</b>
Jan.	0 <b>8572.5</b>	Feb.	15 <b>8618.5</b>	Apr.	2 <b>8664.5</b>	May	18 <b>8710.5</b>
	1 <b>8573.5</b>		16 <b>8619.5</b>		3 <b>8665.5</b>		19 <b>8711.5</b>
	2 <b>8574.5</b>		17 <b>8620.5</b>		4 <b>8666.5</b>		20 <b>8712.5</b>
	3 <b>8575.5</b>		18 <b>8621.5</b>		5 <b>8667.5</b>		21 <b>8713.5</b>
	4 <b>8576.5</b>		19 <b>8622.5</b>		6 <b>8668.5</b>		22 <b>8714.5</b>
	5 <b>8577.5</b>		20 <b>8623.5</b>		7 <b>8669.5</b>		23 <b>8715.5</b>
	6 <b>8578.5</b>		21 <b>8624.5</b>		8 <b>8670.5</b>		24 <b>8716.5</b>
	7 <b>8579.5</b>		22 <b>8625.5</b>		9 <b>8671.5</b>		25 <b>8717.5</b>
	8 <b>8580.5</b>		23 <b>8626.5</b>		10 <b>8672.5</b>		26 <b>8718.5</b>
	9 <b>8581.5</b>		24 <b>8627.5</b>		11 <b>8673.5</b>		27 <b>8719.5</b>
	10 <b>8582.5</b>		25 <b>8628.5</b>		12 <b>8674.5</b>		28 <b>8720.5</b>
	11 <b>8583.5</b>		26 <b>8629.5</b>		13 <b>8675.5</b>		29 <b>8721.5</b>
	12 <b>8584.5</b>		27 <b>8630.5</b>		14 <b>8676.5</b>		30 <b>8722.5</b>
	13 <b>8585.5</b>		28 <b>8631.5</b>		15 <b>8677.5</b>		31 <b>8723.5</b>
	14 <b>8586.5</b>	Mar.	1 <b>8632.5</b>		16 <b>8678.5</b>	June	1 <b>8724.5</b>
	15 <b>8587.5</b>		2 <b>8633.5</b>		17 <b>8679.5</b>		2 <b>8725.5</b>
	16 <b>8588.5</b>		3 <b>8634.5</b>		18 <b>8680.5</b>		3 <b>8726.5</b>
	17 <b>8589.5</b>		4 <b>8635.5</b>		19 <b>8681.5</b>		4 <b>8727.5</b>
	18 <b>8590.5</b>		5 <b>8636.5</b>		20 <b>8682.5</b>		5 <b>8728.5</b>
	19 <b>8591.5</b>		6 <b>8637.5</b>		21 <b>8683.5</b>		6 <b>8729.5</b>
	20 <b>8592.5</b>		7 <b>8638.5</b>		22 <b>8684.5</b>		7 <b>8730.5</b>
	21 <b>8593.5</b>		8 <b>8639.5</b>		23 <b>8685.5</b>		8 <b>8731.5</b>
	22 <b>8594.5</b>		9 <b>8640.5</b>		24 <b>8686.5</b>		9 <b>8732.5</b>
	23 <b>8595.5</b>		10 <b>8641.5</b>		25 <b>8687.5</b>		10 <b>8733.5</b>
	24 <b>8596.5</b>		11 <b>8642.5</b>		26 <b>8688.5</b>		11 <b>8734.5</b>
	25 <b>8597.5</b>		12 <b>8643.5</b>		27 <b>8689.5</b>		12 <b>8735.5</b>
	26 <b>8598.5</b>		13 <b>8644.5</b>		28 <b>8690.5</b>		13 <b>8736.5</b>
	27 <b>8599.5</b>		14 <b>8645.5</b>		29 <b>8691.5</b>		14 <b>8737.5</b>
	28 <b>8600.5</b>		15 <b>8646.5</b>		30 <b>8692.5</b>		15 <b>8738.5</b>
	29 <b>8601.5</b>		16 <b>8647.5</b>	May	1 <b>8693.5</b>		16 <b>8739.5</b>
	30 <b>8602.5</b>		17 <b>8648.5</b>		2 <b>8694.5</b>		17 <b>8740.5</b>
	31 <b>8603.5</b>		18 <b>8649.5</b>		3 <b>8695.5</b>		18 <b>8741.5</b>
Feb.	1 <b>8604.5</b>		19 <b>8650.5</b>		4 <b>8696.5</b>		19 <b>8742.5</b>
	2 <b>8605.5</b>		20 <b>8651.5</b>		5 <b>8697.5</b>		20 <b>8743.5</b>
	3 <b>8606.5</b>		21 <b>8652.5</b>		6 <b>8698.5</b>		21 <b>8744.5</b>
	4 <b>8607.5</b>		22 <b>8653.5</b>		7 <b>8699.5</b>		22 <b>8745.5</b>
	5 <b>8608.5</b>		23 <b>8654.5</b>		8 <b>8700.5</b>		23 <b>8746.5</b>
	6 <b>8609.5</b>		24 <b>8655.5</b>		9 <b>8701.5</b>		24 <b>8747.5</b>
	7 <b>8610.5</b>		25 <b>8656.5</b>		10 <b>8702.5</b>		25 <b>8748.5</b>
	8 <b>8611.5</b>		26 <b>8657.5</b>		11 <b>8703.5</b>		26 <b>8749.5</b>
	9 <b>8612.5</b>		27 <b>8658.5</b>		12 <b>8704.5</b>		27 <b>8750.5</b>
	10 <b>8613.5</b>		28 <b>8659.5</b>		13 <b>8705.5</b>		28 <b>8751.5</b>
	11 <b>8614.5</b>		29 <b>8660.5</b>		14 <b>8706.5</b>		29 <b>8752.5</b>
	12 <b>8615.5</b>		30 <b>8661.5</b>		15 <b>8707.5</b>		30 <b>8753.5</b>
	13 <b>8616.5</b>		31 <b>8662.5</b>		16 <b>8708.5</b>	July	1 <b>8754.5</b>
	14 <b>8617.5</b>	Apr.	1 <b>8663.5</b>		17 <b>8709.5</b>		2 <b>8755.5</b>

## JULIAN DAYS, 2074

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>247</b>		<b>247</b>		<b>247</b>		<b>247</b>
July	1 8754.5	Aug.	16 8800.5	Oct.	1 8846.5	Nov.	16 8892.5
	2 8755.5		17 8801.5		2 8847.5		17 8893.5
	3 8756.5		18 8802.5		3 8848.5		18 8894.5
	4 8757.5		19 8803.5		4 8849.5		19 8895.5
	5 8758.5		20 8804.5		5 8850.5		20 8896.5
	6 8759.5		21 8805.5		6 8851.5		21 8897.5
	7 8760.5		22 8806.5		7 8852.5		22 8898.5
	8 8761.5		23 8807.5		8 8853.5		23 8899.5
	9 8762.5		24 8808.5		9 8854.5		24 8900.5
	10 8763.5		25 8809.5		10 8855.5		25 8901.5
	11 8764.5		26 8810.5		11 8856.5		26 8902.5
	12 8765.5		27 8811.5		12 8857.5		27 8903.5
	13 8766.5		28 8812.5		13 8858.5		28 8904.5
	14 8767.5		29 8813.5		14 8859.5		29 8905.5
	15 8768.5		30 8814.5		15 8860.5		30 8906.5
	16 8769.5		31 8815.5		16 8861.5	Dec.	1 8907.5
	17 8770.5	Sept.	1 8816.5		17 8862.5		2 8908.5
	18 8771.5		2 8817.5		18 8863.5		3 8909.5
	19 8772.5		3 8818.5		19 8864.5		4 8910.5
	20 8773.5		4 8819.5		20 8865.5		5 8911.5
	21 8774.5		5 8820.5		21 8866.5		6 8912.5
	22 8775.5		6 8821.5		22 8867.5		7 8913.5
	23 8776.5		7 8822.5		23 8868.5		8 8914.5
	24 8777.5		8 8823.5		24 8869.5		9 8915.5
	25 8778.5		9 8824.5		25 8870.5		10 8916.5
	26 8779.5		10 8825.5		26 8871.5		11 8917.5
	27 8780.5		11 8826.5		27 8872.5		12 8918.5
	28 8781.5		12 8827.5		28 8873.5		13 8919.5
	29 8782.5		13 8828.5		29 8874.5		14 8920.5
	30 8783.5		14 8829.5		30 8875.5		15 8921.5
	31 8784.5		15 8830.5		31 8876.5		16 8922.5
Aug.	1 8785.5		16 8831.5	Nov.	1 8877.5		17 8923.5
	2 8786.5		17 8832.5		2 8878.5		18 8924.5
	3 8787.5		18 8833.5		3 8879.5		19 8925.5
	4 8788.5		19 8834.5		4 8880.5		20 8926.5
	5 8789.5		20 8835.5		5 8881.5		21 8927.5
	6 8790.5		21 8836.5		6 8882.5		22 8928.5
	7 8791.5		22 8837.5		7 8883.5		23 8929.5
	8 8792.5		23 8838.5		8 8884.5		24 8930.5
	9 8793.5		24 8839.5		9 8885.5		25 8931.5
	10 8794.5		25 8840.5		10 8886.5		26 8932.5
	11 8795.5		26 8841.5		11 8887.5		27 8933.5
	12 8796.5		27 8842.5		12 8888.5		28 8934.5
	13 8797.5		28 8843.5		13 8889.5		29 8935.5
	14 8798.5		29 8844.5		14 8890.5		30 8936.5
	15 8799.5		30 8845.5		15 8891.5		31 8937.5

## JULIAN DAYS, 2075

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>247</b>		<b>247</b>		<b>247</b>		<b>247</b>
Jan.	0 8937.5	Feb.	15 8983.5	Apr.	2 9029.5	May	18 9075.5
	1 8938.5		16 8984.5		3 9030.5		19 9076.5
	2 8939.5		17 8985.5		4 9031.5		20 9077.5
	3 8940.5		18 8986.5		5 9032.5		21 9078.5
	4 8941.5		19 8987.5		6 9033.5		22 9079.5
	5 8942.5		20 8988.5		7 9034.5		23 9080.5
	6 8943.5		21 8989.5		8 9035.5		24 9081.5
	7 8944.5		22 8990.5		9 9036.5		25 9082.5
	8 8945.5		23 8991.5		10 9037.5		26 9083.5
	9 8946.5		24 8992.5		11 9038.5		27 9084.5
	10 8947.5		25 8993.5		12 9039.5		28 9085.5
	11 8948.5		26 8994.5		13 9040.5		29 9086.5
	12 8949.5		27 8995.5		14 9041.5		30 9087.5
	13 8950.5		28 8996.5		15 9042.5		31 9088.5
	14 8951.5	Mar.	1 8997.5		16 9043.5	June	1 9089.5
	15 8952.5		2 8998.5		17 9044.5		2 9090.5
	16 8953.5		3 8999.5		18 9045.5		3 9091.5
	17 8954.5		4 9000.5		19 9046.5		4 9092.5
	18 8955.5		5 9001.5		20 9047.5		5 9093.5
	19 8956.5		6 9002.5		21 9048.5		6 9094.5
	20 8957.5		7 9003.5		22 9049.5		7 9095.5
	21 8958.5		8 9004.5		23 9050.5		8 9096.5
	22 8959.5		9 9005.5		24 9051.5		9 9097.5
	23 8960.5		10 9006.5		25 9052.5		10 9098.5
	24 8961.5		11 9007.5		26 9053.5		11 9099.5
	25 8962.5		12 9008.5		27 9054.5		12 9100.5
	26 8963.5		13 9009.5		28 9055.5		13 9101.5
	27 8964.5		14 9010.5		29 9056.5		14 9102.5
	28 8965.5		15 9011.5		30 9057.5		15 9103.5
	29 8966.5		16 9012.5	May	1 9058.5		16 9104.5
	30 8967.5		17 9013.5		2 9059.5		17 9105.5
	31 8968.5		18 9014.5		3 9060.5		18 9106.5
Feb.	1 8969.5		19 9015.5		4 9061.5		19 9107.5
	2 8970.5		20 9016.5		5 9062.5		20 9108.5
	3 8971.5		21 9017.5		6 9063.5		21 9109.5
	4 8972.5		22 9018.5		7 9064.5		22 9110.5
	5 8973.5		23 9019.5		8 9065.5		23 9111.5
	6 8974.5		24 9020.5		9 9066.5		24 9112.5
	7 8975.5		25 9021.5		10 9067.5		25 9113.5
	8 8976.5		26 9022.5		11 9068.5		26 9114.5
	9 8977.5		27 9023.5		12 9069.5		27 9115.5
	10 8978.5		28 9024.5		13 9070.5		28 9116.5
	11 8979.5		29 9025.5		14 9071.5		29 9117.5
	12 8980.5		30 9026.5		15 9072.5		30 9118.5
	13 8981.5		31 9027.5		16 9073.5	July	1 9119.5
	14 8982.5	Apr.	1 9028.5		17 9074.5		2 9120.5



## JULIAN DAYS, 2075

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>247</b>		<b>247</b>		<b>247</b>		<b>247</b>
July	1 <b>9119.5</b>	Aug.	16 <b>9165.5</b>	Oct.	1 <b>9211.5</b>	Nov.	16 <b>9257.5</b>
	2 <b>9120.5</b>		17 <b>9166.5</b>		2 <b>9212.5</b>		17 <b>9258.5</b>
	3 <b>9121.5</b>		18 <b>9167.5</b>		3 <b>9213.5</b>		18 <b>9259.5</b>
	4 <b>9122.5</b>		19 <b>9168.5</b>		4 <b>9214.5</b>		19 <b>9260.5</b>
	5 <b>9123.5</b>		20 <b>9169.5</b>		5 <b>9215.5</b>		20 <b>9261.5</b>
	6 <b>9124.5</b>		21 <b>9170.5</b>		6 <b>9216.5</b>		21 <b>9262.5</b>
	7 <b>9125.5</b>		22 <b>9171.5</b>		7 <b>9217.5</b>		22 <b>9263.5</b>
	8 <b>9126.5</b>		23 <b>9172.5</b>		8 <b>9218.5</b>		23 <b>9264.5</b>
	9 <b>9127.5</b>		24 <b>9173.5</b>		9 <b>9219.5</b>		24 <b>9265.5</b>
	10 <b>9128.5</b>		25 <b>9174.5</b>		10 <b>9220.5</b>		25 <b>9266.5</b>
	11 <b>9129.5</b>		26 <b>9175.5</b>		11 <b>9221.5</b>		26 <b>9267.5</b>
	12 <b>9130.5</b>		27 <b>9176.5</b>		12 <b>9222.5</b>		27 <b>9268.5</b>
	13 <b>9131.5</b>		28 <b>9177.5</b>		13 <b>9223.5</b>		28 <b>9269.5</b>
	14 <b>9132.5</b>		29 <b>9178.5</b>		14 <b>9224.5</b>		29 <b>9270.5</b>
	15 <b>9133.5</b>		30 <b>9179.5</b>		15 <b>9225.5</b>		30 <b>9271.5</b>
	16 <b>9134.5</b>		31 <b>9180.5</b>		16 <b>9226.5</b>	Dec.	1 <b>9272.5</b>
	17 <b>9135.5</b>	Sept.	1 <b>9181.5</b>		17 <b>9227.5</b>		2 <b>9273.5</b>
	18 <b>9136.5</b>		2 <b>9182.5</b>		18 <b>9228.5</b>		3 <b>9274.5</b>
	19 <b>9137.5</b>		3 <b>9183.5</b>		19 <b>9229.5</b>		4 <b>9275.5</b>
	20 <b>9138.5</b>		4 <b>9184.5</b>		20 <b>9230.5</b>		5 <b>9276.5</b>
	21 <b>9139.5</b>		5 <b>9185.5</b>		21 <b>9231.5</b>		6 <b>9277.5</b>
	22 <b>9140.5</b>		6 <b>9186.5</b>		22 <b>9232.5</b>		7 <b>9278.5</b>
	23 <b>9141.5</b>		7 <b>9187.5</b>		23 <b>9233.5</b>		8 <b>9279.5</b>
	24 <b>9142.5</b>		8 <b>9188.5</b>		24 <b>9234.5</b>		9 <b>9280.5</b>
	25 <b>9143.5</b>		9 <b>9189.5</b>		25 <b>9235.5</b>		10 <b>9281.5</b>
	26 <b>9144.5</b>		10 <b>9190.5</b>		26 <b>9236.5</b>		11 <b>9282.5</b>
	27 <b>9145.5</b>		11 <b>9191.5</b>		27 <b>9237.5</b>		12 <b>9283.5</b>
	28 <b>9146.5</b>		12 <b>9192.5</b>		28 <b>9238.5</b>		13 <b>9284.5</b>
	29 <b>9147.5</b>		13 <b>9193.5</b>		29 <b>9239.5</b>		14 <b>9285.5</b>
	30 <b>9148.5</b>		14 <b>9194.5</b>		30 <b>9240.5</b>		15 <b>9286.5</b>
	31 <b>9149.5</b>		15 <b>9195.5</b>		31 <b>9241.5</b>		16 <b>9287.5</b>
Aug.	1 <b>9150.5</b>		16 <b>9196.5</b>	Nov.	1 <b>9242.5</b>		17 <b>9288.5</b>
	2 <b>9151.5</b>		17 <b>9197.5</b>		2 <b>9243.5</b>		18 <b>9289.5</b>
	3 <b>9152.5</b>		18 <b>9198.5</b>		3 <b>9244.5</b>		19 <b>9290.5</b>
	4 <b>9153.5</b>		19 <b>9199.5</b>		4 <b>9245.5</b>		20 <b>9291.5</b>
	5 <b>9154.5</b>		20 <b>9200.5</b>		5 <b>9246.5</b>		21 <b>9292.5</b>
	6 <b>9155.5</b>		21 <b>9201.5</b>		6 <b>9247.5</b>		22 <b>9293.5</b>
	7 <b>9156.5</b>		22 <b>9202.5</b>		7 <b>9248.5</b>		23 <b>9294.5</b>
	8 <b>9157.5</b>		23 <b>9203.5</b>		8 <b>9249.5</b>		24 <b>9295.5</b>
	9 <b>9158.5</b>		24 <b>9204.5</b>		9 <b>9250.5</b>		25 <b>9296.5</b>
	10 <b>9159.5</b>		25 <b>9205.5</b>		10 <b>9251.5</b>		26 <b>9297.5</b>
	11 <b>9160.5</b>		26 <b>9206.5</b>		11 <b>9252.5</b>		27 <b>9298.5</b>
	12 <b>9161.5</b>		27 <b>9207.5</b>		12 <b>9253.5</b>		28 <b>9299.5</b>
	13 <b>9162.5</b>		28 <b>9208.5</b>		13 <b>9254.5</b>		29 <b>9300.5</b>
	14 <b>9163.5</b>		29 <b>9209.5</b>		14 <b>9255.5</b>		30 <b>9301.5</b>
	15 <b>9164.5</b>		30 <b>9210.5</b>		15 <b>9256.5</b>		31 <b>9302.5</b>

## JULIAN DAYS, 2076

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>247</b>		<b>247</b>		<b>247</b>		<b>247</b>
Jan.	0 9302.5	Feb.	15 9348.5	Apr.	1 9394.5	May	17 9440.5
	1 9303.5		16 9349.5		2 9395.5		18 9441.5
	2 9304.5		17 9350.5		3 9396.5		10 9442.5
	3 9305.5		18 9351.5		4 9397.5		20 9443.5
	4 9306.5		19 9352.5		5 9398.5		21 9444.5
	5 9307.5		20 9353.5		6 9399.5		22 9445.5
	6 9308.5		21 9354.5		7 9400.5		23 9446.5
	7 9309.5		22 9355.5		8 9401.5		24 9447.5
	8 9310.5		23 9356.5		9 9402.5		25 9448.5
	9 9311.5		24 9357.5		10 9403.5		26 9449.5
	10 9312.5		25 9358.5		11 9404.5		27 9450.5
	11 9313.5		26 9359.5		12 9405.5		28 9451.5
	12 9314.5		27 9360.5		13 9406.5		29 9452.5
	13 9315.5		28 9361.5		14 9407.5		30 9453.5
	14 9316.5		29 9362.5		15 9408.5		31 9454.5
	15 9317.5	Mar.	1 9363.5		16 9409.5	June	1 9455.5
	16 9318.5		2 9364.5		17 9410.5		2 9456.5
	17 9319.5		3 9365.5		18 9411.5		3 9457.5
	18 9320.5		4 9366.5		19 9412.5		4 9458.5
	19 9321.5		5 9367.5		20 9413.5		5 9459.5
	20 9322.5		6 9368.5		21 9414.5		6 9460.5
	21 9323.5		7 9369.5		22 9415.5		7 9461.5
	22 9324.5		8 9370.5		23 9416.5		8 9462.5
	23 9325.5		9 9371.5		24 9417.5		9 9463.5
	24 9326.5		10 9372.5		25 9418.5		10 9464.5
	25 9327.5		11 9373.5		26 9419.5		11 9465.5
	26 9328.5		12 9374.5		27 9420.5		12 9466.5
	27 9329.5		13 9375.5		28 9421.5		13 9467.5
	28 9330.5		14 9376.5		29 9422.5		14 9468.5
	29 9331.5		15 9377.5		30 9423.5		15 9469.5
	30 9332.5		16 9378.5	May	1 9424.5		16 9470.5
	31 9333.5		17 9379.5		2 9425.5		17 9471.5
Feb.	1 9334.5		18 9380.5		3 9426.5		18 9472.5
	2 9335.5		19 9381.5		4 9427.5		19 9473.5
	3 9336.5		20 9382.5		5 9428.5		20 9474.5
	4 9337.5		21 9383.5		6 9429.5		21 9475.5
	5 9338.5		22 9384.5		7 9430.5		22 9476.5
	6 9339.5		23 9385.5		8 9431.5		23 9477.5
	7 9340.5		24 9386.5		9 9432.5		24 9478.5
	8 9341.5		25 9387.5		10 9433.5		25 9479.5
	9 9342.5		26 9388.5		11 9434.5		26 9480.5
	10 9343.5		27 9389.5		12 9435.5		27 9481.5
	11 9344.5		28 9390.5		13 9436.5		28 9482.5
	12 9345.5		29 9391.5		14 9437.5		29 9483.5
	13 9346.5		30 9392.5		15 9438.5		30 9484.5
	14 9347.5		31 9393.5		16 9439.5	July	1 9485.5

## JULIAN DAYS, 2076

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>247</b>		<b>247</b>		<b>247</b>		<b>247</b>
July	1 9485.5	Aug.	16 9531.5	Oct.	1 9577.5	Nov.	16 9623.5
	2 9486.5		17 9532.5		2 9578.5		17 9624.5
	3 9487.5		18 9533.5		3 9579.5		18 9625.5
	4 9488.5		19 9534.5		4 9580.5		19 9626.5
	5 9489.5		20 9535.5		5 9581.5		20 9627.5
	6 9490.5		21 9536.5		6 9582.5		21 9628.5
	7 9491.5		22 9537.5		7 9583.5		22 9629.5
	8 9492.5		23 9538.5		8 9584.5		23 9630.5
	9 9493.5		24 9539.5		9 9585.5		24 9631.5
	10 9494.5		25 9540.5		10 9586.5		25 9632.5
	11 9495.5		26 9541.5		11 9587.5		26 9633.5
	12 9496.5		27 9542.5		12 9588.5		27 9634.5
	13 9497.5		28 9543.5		13 9589.5		28 9635.5
	14 9498.5		29 9544.5		14 9590.5		29 9636.5
	15 9499.5		30 9545.5		15 9591.5		30 9637.5
	16 9500.5		31 9546.5		16 9592.5	Dec.	1 9638.5
	17 9501.5	Sept.	1 9547.5		17 9593.5		2 9639.5
	18 9502.5		2 9548.5		18 9594.5		3 9640.5
	19 9503.5		3 9549.5		19 9595.5		4 9641.5
	20 9504.5		4 9550.5		20 9596.5		5 9642.5
	21 9505.5		5 9551.5		21 9597.5		6 9643.5
	22 9506.5		6 9552.5		22 9598.5		7 9644.5
	23 9507.5		7 9553.5		23 9599.5		8 9645.5
	24 9508.5		8 9554.5		24 9600.5		9 9646.5
	25 9509.5		9 9555.5		25 9601.5		10 9647.5
	26 9510.5		10 9556.5		26 9602.5		11 9648.5
	27 9511.5		11 9557.5		27 9603.5		12 9649.5
	28 9512.5		12 9558.5		28 9604.5		13 9650.5
	29 9513.5		13 9559.5		29 9605.5		14 9651.5
	30 9514.5		14 9560.5		30 9606.5		15 9652.5
	31 9515.5		15 9561.5		31 9607.5		16 9653.5
Aug.	1 9516.5		16 9562.5	Nov.	1 9608.5		17 9654.5
	2 9517.5		17 9563.5		2 9609.5		18 9655.5
	3 9518.5		18 9564.5		3 9610.5		19 9656.5
	4 9519.5		19 9565.5		4 9611.5		20 9657.5
	5 9520.5		20 9566.5		5 9612.5		21 9658.5
	6 9521.5		21 9567.5		6 9613.5		22 9659.5
	7 9522.5		22 9568.5		7 9614.5		23 9660.5
	8 9523.5		23 9569.5		8 9615.5		24 9661.5
	9 9524.5		24 9570.5		9 9616.5		25 9662.5
	10 9525.5		25 9571.5		10 9617.5		26 9663.5
	11 9526.5		26 9572.5		11 9618.5		27 9664.5
	12 9527.5		27 9573.5		12 9619.5		28 9665.5
	13 9528.5		28 9574.5		13 9620.5		29 9666.5
	14 9529.5		29 9575.5		14 9621.5		30 9667.5
	15 9530.5		30 9576.5		15 9622.5		31 9668.5

## JULIAN DAYS, 2077

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>247</b>		<b>247</b>		<b>247</b>		<b>247</b>
Jan.	0 <b>9668.5</b>	Feb.	15 <b>9714.5</b>	Apr.	2 <b>9760.5</b>	May	18 <b>9806.5</b>
	1 <b>9669.5</b>		16 <b>9715.5</b>		3 <b>9761.5</b>		19 <b>9807.5</b>
	2 <b>9670.5</b>		17 <b>9716.5</b>		4 <b>9762.5</b>		20 <b>9808.5</b>
	3 <b>9671.5</b>		18 <b>9717.5</b>		5 <b>9763.5</b>		21 <b>9809.5</b>
	4 <b>9672.5</b>		19 <b>9718.5</b>		6 <b>9764.5</b>		22 <b>9810.5</b>
	5 <b>9673.5</b>		20 <b>9719.5</b>		7 <b>9765.5</b>		23 <b>9811.5</b>
	6 <b>9674.5</b>		21 <b>9720.5</b>		8 <b>9766.5</b>		24 <b>9812.5</b>
	7 <b>9675.5</b>		22 <b>9721.5</b>		9 <b>9767.5</b>		25 <b>9813.5</b>
	8 <b>9676.5</b>		23 <b>9722.5</b>		10 <b>9768.5</b>		26 <b>9814.5</b>
	9 <b>9677.5</b>		24 <b>9723.5</b>		11 <b>9769.5</b>		27 <b>9815.5</b>
	10 <b>9678.5</b>		25 <b>9724.5</b>		12 <b>9770.5</b>		28 <b>9816.5</b>
	11 <b>9679.5</b>		26 <b>9725.5</b>		13 <b>9771.5</b>		29 <b>9817.5</b>
	12 <b>9680.5</b>		27 <b>9726.5</b>		14 <b>9772.5</b>		30 <b>9818.5</b>
	13 <b>9681.5</b>		28 <b>9727.5</b>		15 <b>9773.5</b>		31 <b>9819.5</b>
	14 <b>9682.5</b>	Mar.	1 <b>9728.5</b>		16 <b>9774.5</b>	June	1 <b>9820.5</b>
	15 <b>9683.5</b>		2 <b>9729.5</b>		17 <b>9775.5</b>		2 <b>9821.5</b>
	16 <b>9684.5</b>		3 <b>9730.5</b>		18 <b>9776.5</b>		3 <b>9822.5</b>
	17 <b>9685.5</b>		4 <b>9731.5</b>		19 <b>9777.5</b>		4 <b>9823.5</b>
	18 <b>9686.5</b>		5 <b>9732.5</b>		20 <b>9778.5</b>		5 <b>9824.5</b>
	19 <b>9687.5</b>		6 <b>9733.5</b>		21 <b>9779.5</b>		6 <b>9825.5</b>
	20 <b>9688.5</b>		7 <b>9734.5</b>		22 <b>9780.5</b>		7 <b>9826.5</b>
	21 <b>9689.5</b>		8 <b>9735.5</b>		23 <b>9781.5</b>		8 <b>9827.5</b>
	22 <b>9690.5</b>		9 <b>9736.5</b>		24 <b>9782.5</b>		9 <b>9828.5</b>
	23 <b>9691.5</b>		10 <b>9737.5</b>		25 <b>9783.5</b>		10 <b>9829.5</b>
	24 <b>9692.5</b>		11 <b>9738.5</b>		26 <b>9784.5</b>		11 <b>9830.5</b>
	25 <b>9693.5</b>		12 <b>9739.5</b>		27 <b>9785.5</b>		12 <b>9831.5</b>
	26 <b>9694.5</b>		13 <b>9740.5</b>		28 <b>9786.5</b>		13 <b>9832.5</b>
	27 <b>9695.5</b>		14 <b>9741.5</b>		29 <b>9787.5</b>		14 <b>9833.5</b>
	28 <b>9696.5</b>		15 <b>9742.5</b>		30 <b>9788.5</b>		15 <b>9834.5</b>
	29 <b>9697.5</b>		16 <b>9743.5</b>	May	1 <b>9789.5</b>		16 <b>9835.5</b>
	30 <b>9698.5</b>		17 <b>9744.5</b>		2 <b>9790.5</b>		17 <b>9836.5</b>
	31 <b>9699.5</b>		18 <b>9745.5</b>		3 <b>9791.5</b>		18 <b>9837.5</b>
Feb.	1 <b>9700.5</b>		19 <b>9746.5</b>		4 <b>9792.5</b>		19 <b>9838.5</b>
	2 <b>9701.5</b>		20 <b>9747.5</b>		5 <b>9793.5</b>		20 <b>9839.5</b>
	3 <b>9702.5</b>		21 <b>9748.5</b>		6 <b>9794.5</b>		21 <b>9840.5</b>
	4 <b>9703.5</b>		22 <b>9749.5</b>		7 <b>9795.5</b>		22 <b>9841.5</b>
	5 <b>9704.5</b>		23 <b>9750.5</b>		8 <b>9796.5</b>		23 <b>9842.5</b>
	6 <b>9705.5</b>		24 <b>9751.5</b>		9 <b>9797.5</b>		24 <b>9843.5</b>
	7 <b>9706.5</b>		25 <b>9752.5</b>		10 <b>9798.5</b>		25 <b>9844.5</b>
	8 <b>9707.5</b>		26 <b>9753.5</b>		11 <b>9799.5</b>		26 <b>9845.5</b>
	9 <b>9708.5</b>		27 <b>9754.5</b>		12 <b>9800.5</b>		27 <b>9846.5</b>
	10 <b>9709.5</b>		28 <b>9755.5</b>		13 <b>9801.5</b>		28 <b>9847.5</b>
	11 <b>9710.5</b>		29 <b>9756.5</b>		14 <b>9802.5</b>		29 <b>9848.5</b>
	12 <b>9711.5</b>		30 <b>9757.5</b>		15 <b>9803.5</b>		30 <b>9849.5</b>
	13 <b>9712.5</b>		31 <b>9758.5</b>		16 <b>9804.5</b>	July	1 <b>9850.5</b>
	14 <b>9713.5</b>	Apr.	1 <b>9759.5</b>		17 <b>9805.5</b>		2 <b>9851.5</b>

## JULIAN DAYS, 2077

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>247</b>		<b>247</b>		<b>247</b>		<b>247/8</b>
July	1 <b>9850.5</b>	Aug.	16 <b>9896.5</b>	Oct.	1 <b>9942.5</b>	Nov.	16 <b>9988.5</b>
	2 <b>9851.5</b>		17 <b>9897.5</b>		2 <b>9943.5</b>		17 <b>9989.5</b>
	3 <b>9852.5</b>		18 <b>9898.5</b>		3 <b>9944.5</b>		18 <b>9990.5</b>
	4 <b>9853.5</b>		19 <b>9899.5</b>		4 <b>9945.5</b>		19 <b>9991.5</b>
	5 <b>9854.5</b>		20 <b>9900.5</b>		5 <b>9946.5</b>		20 <b>9992.5</b>
	6 <b>9855.5</b>		21 <b>9901.5</b>		6 <b>9947.5</b>		21 <b>9993.5</b>
	7 <b>9856.5</b>		22 <b>9902.5</b>		7 <b>9948.5</b>		22 <b>9994.5</b>
	8 <b>9857.5</b>		23 <b>9903.5</b>		8 <b>9949.5</b>		23 <b>9995.5</b>
	9 <b>9858.5</b>		24 <b>9904.5</b>		9 <b>9950.5</b>		24 <b>9996.5</b>
	10 <b>9859.5</b>		25 <b>9905.5</b>		10 <b>9951.5</b>		25 <b>9997.5</b>
	11 <b>9860.5</b>		26 <b>9906.5</b>		11 <b>9952.5</b>		26 <b>9998.5</b>
	12 <b>9861.5</b>		27 <b>9907.5</b>		12 <b>9953.5</b>		27 <b>9999.5</b>
	13 <b>9862.5</b>		28 <b>9908.5</b>		13 <b>9954.5</b>		28 <b>0000.5</b>
	14 <b>9863.5</b>		29 <b>9909.5</b>		14 <b>9955.5</b>		29 <b>0001.5</b>
	15 <b>9864.5</b>		30 <b>9910.5</b>		15 <b>9956.5</b>		30 <b>0002.5</b>
	16 <b>9865.5</b>		31 <b>9911.5</b>		16 <b>9957.5</b>	Dec.	1 <b>0003.5</b>
	17 <b>9866.5</b>	Sept.	1 <b>9912.5</b>		17 <b>9958.5</b>		2 <b>0004.5</b>
	18 <b>9867.5</b>		2 <b>9913.5</b>		18 <b>9959.5</b>		3 <b>0005.5</b>
	19 <b>9868.5</b>		3 <b>9914.5</b>		19 <b>9960.5</b>		4 <b>0006.5</b>
	20 <b>9869.5</b>		4 <b>9915.5</b>		20 <b>9961.5</b>		5 <b>0007.5</b>
	21 <b>9870.5</b>		5 <b>9916.5</b>		21 <b>9962.5</b>		6 <b>0008.5</b>
	22 <b>9871.5</b>		6 <b>9917.5</b>		22 <b>9963.5</b>		7 <b>0009.5</b>
	23 <b>9872.5</b>		7 <b>9918.5</b>		23 <b>9964.5</b>		8 <b>0010.5</b>
	24 <b>9873.5</b>		8 <b>9919.5</b>		24 <b>9965.5</b>		9 <b>0011.5</b>
	25 <b>9874.5</b>		9 <b>9920.5</b>		25 <b>9966.5</b>		10 <b>0012.5</b>
	26 <b>9875.5</b>		10 <b>9921.5</b>		26 <b>9967.5</b>		11 <b>0013.5</b>
	27 <b>9876.5</b>		11 <b>9922.5</b>		27 <b>9968.5</b>		12 <b>0014.5</b>
	28 <b>9877.5</b>		12 <b>9923.5</b>		28 <b>9969.5</b>		13 <b>0015.5</b>
	29 <b>9878.5</b>		13 <b>9924.5</b>		29 <b>9970.5</b>		14 <b>0016.5</b>
	30 <b>9879.5</b>		14 <b>9925.5</b>		30 <b>9971.5</b>		15 <b>0017.5</b>
	31 <b>9880.5</b>		15 <b>9926.5</b>		31 <b>9972.5</b>		16 <b>0018.5</b>
Aug.	1 <b>9881.5</b>		16 <b>9927.5</b>	Nov.	1 <b>9973.5</b>		17 <b>0019.5</b>
	2 <b>9882.5</b>		17 <b>9928.5</b>		2 <b>9974.5</b>		18 <b>0020.5</b>
	3 <b>9883.5</b>		18 <b>9929.5</b>		3 <b>9975.5</b>		19 <b>0021.5</b>
	4 <b>9884.5</b>		19 <b>9930.5</b>		4 <b>9976.5</b>		20 <b>0022.5</b>
	5 <b>9885.5</b>		20 <b>9931.5</b>		5 <b>9977.5</b>		21 <b>0023.5</b>
	6 <b>9886.5</b>		21 <b>9932.5</b>		6 <b>9978.5</b>		22 <b>0024.5</b>
	7 <b>9887.5</b>		22 <b>9933.5</b>		7 <b>9979.5</b>		23 <b>0025.5</b>
	8 <b>9888.5</b>		23 <b>9934.5</b>		8 <b>9980.5</b>		24 <b>0026.5</b>
	9 <b>9889.5</b>		24 <b>9935.5</b>		9 <b>9981.5</b>		25 <b>0027.5</b>
	10 <b>9890.5</b>		25 <b>9936.5</b>		10 <b>9982.5</b>		26 <b>0028.5</b>
	11 <b>9891.5</b>		26 <b>9937.5</b>		11 <b>9983.5</b>		27 <b>0029.5</b>
	12 <b>9892.5</b>		27 <b>9938.5</b>		12 <b>9984.5</b>		28 <b>0030.5</b>
	13 <b>9893.5</b>		28 <b>9939.5</b>		13 <b>9985.5</b>		29 <b>0031.5</b>
	14 <b>9894.5</b>		29 <b>9940.5</b>		14 <b>9986.5</b>		30 <b>0032.5</b>
	15 <b>9895.5</b>		30 <b>9941.5</b>		15 <b>9987.5</b>		31 <b>0033.5</b>

## JULIAN DAYS, 2078

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>248</b>		<b>248</b>		<b>248</b>		<b>248</b>
Jan.	0 0033.5	Feb.	15 0079.5	Apr.	2 0125.5	May	18 0171.5
	1 0034.5		16 0080.5		3 0126.5		19 0172.5
	2 0035.5		17 0081.5		4 0127.5		20 0173.5
	3 0036.5		18 0082.5		5 0128.5		21 0174.5
	4 0037.5		19 0083.5		6 0129.5		22 0175.5
	5 0038.5		20 0084.5		7 0130.5		23 0176.5
	6 0039.5		21 0085.5		8 0131.5		24 0177.5
	7 0040.5		22 0086.5		9 0132.5		25 0178.5
	8 0041.5		23 0087.5		10 0133.5		26 0179.5
	9 0042.5		24 0088.5		11 0134.5		27 0180.5
	10 0043.5		25 0089.5		12 0135.5		28 0181.5
	11 0044.5		26 0090.5		13 0136.5		29 0182.5
	12 0045.5		27 0091.5		14 0137.5		30 0183.5
	13 0046.5		28 0092.5		15 0138.5		31 0184.5
	14 0047.5	Mar.	1 0093.5		16 0139.5	June	1 0185.5
	15 0048.5		2 0094.5		17 0140.5		2 0186.5
	16 0049.5		3 0095.5		18 0141.5		3 0187.5
	17 0050.5		4 0096.5		19 0142.5		4 0188.5
	18 0051.5		5 0097.5		20 0143.5		5 0189.5
	19 0052.5		6 0098.5		21 0144.5		6 0190.5
	20 0053.5		7 0099.5		22 0145.5		7 0191.5
	21 0054.5		8 0100.5		23 0146.5		8 0192.5
	22 0055.5		9 0101.5		24 0147.5		9 0193.5
	23 0056.5		10 0102.5		25 0148.5		10 0194.5
	24 0057.5		11 0103.5		26 0149.5		11 0195.5
	25 0058.5		12 0104.5		27 0150.5		12 0196.5
	26 0059.5		13 0105.5		28 0151.5		13 0197.5
	27 0060.5		14 0106.5		29 0152.5		14 0198.5
	28 0061.5		15 0107.5		30 0153.5		15 0199.5
	29 0062.5		16 0108.5	May	1 0154.5		16 0200.5
	30 0063.5		17 0109.5		2 0155.5		17 0201.5
	31 0064.5		18 0110.5		3 0156.5		18 0202.5
Feb.	1 0065.5		19 0111.5		4 0157.5		19 0203.5
	2 0066.5		20 0112.5		5 0158.5		20 0204.5
	3 0067.5		21 0113.5		6 0159.5		21 0205.5
	4 0068.5		22 0114.5		7 0160.5		22 0206.5
	5 0069.5		23 0115.5		8 0161.5		23 0207.5
	6 0070.5		24 0116.5		9 0162.5		24 0208.5
	7 0071.5		25 0117.5		10 0163.5		25 0209.5
	8 0072.5		26 0118.5		11 0164.5		26 0210.5
	9 0073.5		27 0119.5		12 0165.5		27 0211.5
	10 0074.5		28 0120.5		13 0166.5		28 0212.5
	11 0075.5		29 0121.5		14 0167.5		29 0213.5
	12 0076.5		30 0122.5		15 0168.5		30 0214.5
	13 0077.5		31 0123.5		16 0169.5	July	1 0215.5
	14 0078.5	Apr.	1 0124.5		17 0170.5		2 0216.5

## JULIAN DAYS, 2078

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day		
	<b>248</b>		<b>248</b>		<b>248</b>		<b>248</b>		
July	1	0215.5	Aug. 16	0261.5	Oct. 1	0307.5	Nov. 16	0353.5	
	2	0216.5		17	0262.5	2	0308.5	17	0354.5
	3	0217.5		18	0263.5	3	0309.5	18	0355.5
	4	0218.5		19	0264.5	4	0310.5	19	0356.5
	5	0219.5		20	0265.5	5	0311.5	20	0357.5
	6	0220.5		21	0266.5	6	0312.5	21	0358.5
	7	0221.5		22	0267.5	7	0313.5	22	0359.5
	8	0222.5		23	0268.5	8	0314.5	23	0360.5
	9	0223.5		24	0269.5	9	0315.5	24	0361.5
	10	0224.5		25	0270.5	10	0316.5	25	0362.5
	11	0225.5		26	0271.5	11	0317.5	26	0363.5
	12	0226.5		27	0272.5	12	0318.5	27	0364.5
	13	0227.5		28	0273.5	13	0319.5	28	0365.5
	14	0228.5		29	0274.5	14	0320.5	29	0366.5
	15	0229.5		30	0275.5	15	0321.5	30	0367.5
	16	0230.5		31	0276.5	16	0322.5	Dec. 1	0368.5
	17	0231.5	Sept. 1	0277.5	17	0323.5	2	0369.5	
	18	0232.5		2	0278.5	18	0324.5	3	0370.5
	19	0233.5		3	0279.5	19	0325.5	4	0371.5
	20	0234.5		4	0280.5	20	0326.5	5	0372.5
	21	0235.5		5	0281.5	21	0327.5	6	0373.5
	22	0236.5		6	0282.5	22	0328.5	7	0374.5
	23	0237.5		7	0283.5	23	0329.5	8	0375.5
	24	0238.5		8	0284.5	24	0330.5	9	0376.5
	25	0239.5		9	0285.5	25	0331.5	10	0377.5
	26	0240.5		10	0286.5	26	0332.5	11	0378.5
	27	0241.5		11	0287.5	27	0333.5	12	0379.5
	28	0242.5		12	0288.5	28	0334.5	13	0380.5
	29	0243.5		13	0289.5	29	0335.5	14	0381.5
	30	0244.5		14	0290.5	30	0336.5	15	0382.5
	31	0245.5		15	0291.5	31	0337.5	16	0383.5
Aug.	1	0246.5		16	0292.5	Nov. 1	0338.5	17	0384.5
	2	0247.5		17	0293.5	2	0339.5	18	0385.5
	3	0248.5		18	0294.5	3	0340.5	19	0386.5
	4	0249.5		19	0295.5	4	0341.5	20	0387.5
	5	0250.5		20	0296.5	5	0342.5	21	0388.5
	6	0251.5		21	0297.5	6	0343.5	22	0389.5
	7	0252.5		22	0298.5	7	0344.5	23	0390.5
	8	0253.5		23	0299.5	8	0345.5	24	0391.5
	9	0254.5		24	0300.5	9	0346.5	25	0392.5
	10	0255.5		25	0301.5	10	0347.5	26	0393.5
	11	0256.5		26	0302.5	11	0348.5	27	0394.5
	12	0257.5		27	0303.5	12	0349.5	28	0395.5
	13	0258.5		28	0304.5	13	0350.5	29	0396.5
	14	0259.5		29	0305.5	14	0351.5	30	0397.5
	15	0260.5		30	0306.5	15	0352.5	31	0398.5

## JULIAN DAYS, 2079

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>248</b>		<b>248</b>		<b>248</b>		<b>248</b>
Jan.	0 <b>0398.5</b>	Feb.	15 <b>0444.5</b>	Apr.	2 <b>0490.5</b>	May	18 <b>0536.5</b>
	1 <b>0399.5</b>		16 <b>0445.5</b>		3 <b>0491.5</b>		19 <b>0537.5</b>
	2 <b>0400.5</b>		17 <b>0446.5</b>		4 <b>0492.5</b>		20 <b>0538.5</b>
	3 <b>0401.5</b>		18 <b>0447.5</b>		5 <b>0493.5</b>		21 <b>0539.5</b>
	4 <b>0402.5</b>		19 <b>0448.5</b>		6 <b>0494.5</b>		22 <b>0540.5</b>
	5 <b>0403.5</b>		20 <b>0449.5</b>		7 <b>0495.5</b>		23 <b>0541.5</b>
	6 <b>0404.5</b>		21 <b>0450.5</b>		8 <b>0496.5</b>		24 <b>0542.5</b>
	7 <b>0405.5</b>		22 <b>0451.5</b>		9 <b>0497.5</b>		25 <b>0543.5</b>
	8 <b>0406.5</b>		23 <b>0452.5</b>		10 <b>0498.5</b>		26 <b>0544.5</b>
	9 <b>0407.5</b>		24 <b>0453.5</b>		11 <b>0499.5</b>		27 <b>0545.5</b>
	10 <b>0408.5</b>		25 <b>0454.5</b>		12 <b>0500.5</b>		28 <b>0546.5</b>
	11 <b>0409.5</b>		26 <b>0455.5</b>		13 <b>0501.5</b>		29 <b>0547.5</b>
	12 <b>0410.5</b>		27 <b>0456.5</b>		14 <b>0502.5</b>		30 <b>0548.5</b>
	13 <b>0411.5</b>		28 <b>0457.5</b>		15 <b>0503.5</b>		31 <b>0549.5</b>
	14 <b>0412.5</b>	Mar.	1 <b>0458.5</b>		16 <b>0504.5</b>	June	1 <b>0550.5</b>
	15 <b>0413.5</b>		2 <b>0459.5</b>		17 <b>0505.5</b>		2 <b>0551.5</b>
	16 <b>0414.5</b>		3 <b>0460.5</b>		18 <b>0506.5</b>		3 <b>0552.5</b>
	17 <b>0415.5</b>		4 <b>0461.5</b>		19 <b>0507.5</b>		4 <b>0553.5</b>
	18 <b>0416.5</b>		5 <b>0462.5</b>		20 <b>0508.5</b>		5 <b>0554.5</b>
	19 <b>0417.5</b>		6 <b>0463.5</b>		21 <b>0509.5</b>		6 <b>0555.5</b>
	20 <b>0418.5</b>		7 <b>0464.5</b>		22 <b>0510.5</b>		7 <b>0556.5</b>
	21 <b>0419.5</b>		8 <b>0465.5</b>		23 <b>0511.5</b>		8 <b>0557.5</b>
	22 <b>0420.5</b>		9 <b>0466.5</b>		24 <b>0512.5</b>		9 <b>0558.5</b>
	23 <b>0421.5</b>		10 <b>0467.5</b>		25 <b>0513.5</b>		10 <b>0559.5</b>
	24 <b>0422.5</b>		11 <b>0468.5</b>		26 <b>0514.5</b>		11 <b>0560.5</b>
	25 <b>0423.5</b>		12 <b>0469.5</b>		27 <b>0515.5</b>		12 <b>0561.5</b>
	26 <b>0424.5</b>		13 <b>0470.5</b>		28 <b>0516.5</b>		13 <b>0562.5</b>
	27 <b>0425.5</b>		14 <b>0471.5</b>		29 <b>0517.5</b>		14 <b>0563.5</b>
	28 <b>0426.5</b>		15 <b>0472.5</b>		30 <b>0518.5</b>		15 <b>0564.5</b>
	29 <b>0427.5</b>		16 <b>0473.5</b>	May	1 <b>0519.5</b>		16 <b>0565.5</b>
	30 <b>0428.5</b>		17 <b>0474.5</b>		2 <b>0520.5</b>		17 <b>0566.5</b>
	31 <b>0429.5</b>		18 <b>0475.5</b>		3 <b>0521.5</b>		18 <b>0567.5</b>
Feb.	1 <b>0430.5</b>		19 <b>0476.5</b>		4 <b>0522.5</b>		19 <b>0568.5</b>
	2 <b>0431.5</b>		20 <b>0477.5</b>		5 <b>0523.5</b>		20 <b>0569.5</b>
	3 <b>0432.5</b>		21 <b>0478.5</b>		6 <b>0524.5</b>		21 <b>0570.5</b>
	4 <b>0433.5</b>		22 <b>0479.5</b>		7 <b>0525.5</b>		22 <b>0571.5</b>
	5 <b>0434.5</b>		23 <b>0480.5</b>		8 <b>0526.5</b>		23 <b>0572.5</b>
	6 <b>0435.5</b>		24 <b>0481.5</b>		9 <b>0527.5</b>		24 <b>0573.5</b>
	7 <b>0436.5</b>		25 <b>0482.5</b>		10 <b>0528.5</b>		25 <b>0574.5</b>
	8 <b>0437.5</b>		26 <b>0483.5</b>		11 <b>0529.5</b>		26 <b>0575.5</b>
	9 <b>0438.5</b>		27 <b>0484.5</b>		12 <b>0530.5</b>		27 <b>0576.5</b>
	10 <b>0439.5</b>		28 <b>0485.5</b>		13 <b>0531.5</b>		28 <b>0577.5</b>
	11 <b>0440.5</b>		29 <b>0486.5</b>		14 <b>0532.5</b>		29 <b>0578.5</b>
	12 <b>0441.5</b>		30 <b>0487.5</b>		15 <b>0533.5</b>		30 <b>0579.5</b>
	13 <b>0442.5</b>		31 <b>0488.5</b>		16 <b>0534.5</b>	July	1 <b>0580.5</b>
	14 <b>0443.5</b>	Apr.	1 <b>0489.5</b>		17 <b>0535.5</b>		2 <b>0581.5</b>



## JULIAN DAYS, 2079

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>248</b>		<b>248</b>		<b>248</b>		<b>248</b>
July	1 <b>0580.5</b>	Aug.	16 <b>0626.5</b>	Oct.	1 <b>0672.5</b>	Nov.	16 <b>0718.5</b>
	2 <b>0581.5</b>		17 <b>0627.5</b>		2 <b>0673.5</b>		17 <b>0719.5</b>
	3 <b>0582.5</b>		18 <b>0628.5</b>		3 <b>0674.5</b>		18 <b>0720.5</b>
	4 <b>0583.5</b>		19 <b>0629.5</b>		4 <b>0675.5</b>		19 <b>0721.5</b>
	5 <b>0584.5</b>		20 <b>0630.5</b>		5 <b>0676.5</b>		20 <b>0722.5</b>
	6 <b>0585.5</b>		21 <b>0631.5</b>		6 <b>0677.5</b>		21 <b>0723.5</b>
	7 <b>0586.5</b>		22 <b>0632.5</b>		7 <b>0678.5</b>		22 <b>0724.5</b>
	8 <b>0587.5</b>		23 <b>0633.5</b>		8 <b>0679.5</b>		23 <b>0725.5</b>
	9 <b>0588.5</b>		24 <b>0634.5</b>		9 <b>0680.5</b>		24 <b>0726.5</b>
	10 <b>0589.5</b>		25 <b>0635.5</b>		10 <b>0681.5</b>		25 <b>0727.5</b>
	11 <b>0590.5</b>		26 <b>0636.5</b>		11 <b>0682.5</b>		26 <b>0728.5</b>
	12 <b>0591.5</b>		27 <b>0637.5</b>		12 <b>0683.5</b>		27 <b>0729.5</b>
	13 <b>0592.5</b>		28 <b>0638.5</b>		13 <b>0684.5</b>		28 <b>0730.5</b>
	14 <b>0593.5</b>		29 <b>0639.5</b>		14 <b>0685.5</b>		29 <b>0731.5</b>
	15 <b>0594.5</b>		30 <b>0640.5</b>		15 <b>0686.5</b>		30 <b>0732.5</b>
	16 <b>0595.5</b>		31 <b>0641.5</b>		16 <b>0687.5</b>	Dec.	1 <b>0733.5</b>
	17 <b>0596.5</b>	Sept.	1 <b>0642.5</b>		17 <b>0688.5</b>		2 <b>0734.5</b>
	18 <b>0597.5</b>		2 <b>0643.5</b>		18 <b>0689.5</b>		3 <b>0735.5</b>
	19 <b>0598.5</b>		3 <b>0644.5</b>		19 <b>0690.5</b>		4 <b>0736.5</b>
	20 <b>0599.5</b>		4 <b>0645.5</b>		20 <b>0691.5</b>		5 <b>0737.5</b>
	21 <b>0600.5</b>		5 <b>0646.5</b>		21 <b>0692.5</b>		6 <b>0738.5</b>
	22 <b>0601.5</b>		6 <b>0647.5</b>		22 <b>0693.5</b>		7 <b>0739.5</b>
	23 <b>0602.5</b>		7 <b>0648.5</b>		23 <b>0694.5</b>		8 <b>0740.5</b>
	24 <b>0603.5</b>		8 <b>0649.5</b>		24 <b>0695.5</b>		9 <b>0741.5</b>
	25 <b>0604.5</b>		9 <b>0650.5</b>		25 <b>0696.5</b>		10 <b>0742.5</b>
	26 <b>0605.5</b>		10 <b>0651.5</b>		26 <b>0697.5</b>		11 <b>0743.5</b>
	27 <b>0606.5</b>		11 <b>0652.5</b>		27 <b>0698.5</b>		12 <b>0744.5</b>
	28 <b>0607.5</b>		12 <b>0653.5</b>		28 <b>0699.5</b>		13 <b>0745.5</b>
	29 <b>0608.5</b>		13 <b>0654.5</b>		29 <b>0700.5</b>		14 <b>0746.5</b>
	30 <b>0609.5</b>		14 <b>0655.5</b>		30 <b>0701.5</b>		15 <b>0747.5</b>
	31 <b>0610.5</b>		15 <b>0656.5</b>		31 <b>0702.5</b>		16 <b>0748.5</b>
Aug.	1 <b>0611.5</b>		16 <b>0657.5</b>	Nov.	1 <b>0703.5</b>		17 <b>0749.5</b>
	2 <b>0612.5</b>		17 <b>0658.5</b>		2 <b>0704.5</b>		18 <b>0750.5</b>
	3 <b>0613.5</b>		18 <b>0659.5</b>		3 <b>0705.5</b>		19 <b>0751.5</b>
	4 <b>0614.5</b>		19 <b>0660.5</b>		4 <b>0706.5</b>		20 <b>0752.5</b>
	5 <b>0615.5</b>		20 <b>0661.5</b>		5 <b>0707.5</b>		21 <b>0753.5</b>
	6 <b>0616.5</b>		21 <b>0662.5</b>		6 <b>0708.5</b>		22 <b>0754.5</b>
	7 <b>0617.5</b>		22 <b>0663.5</b>		7 <b>0709.5</b>		23 <b>0755.5</b>
	8 <b>0618.5</b>		23 <b>0664.5</b>		8 <b>0710.5</b>		24 <b>0756.5</b>
	9 <b>0619.5</b>		24 <b>0665.5</b>		9 <b>0711.5</b>		25 <b>0757.5</b>
	10 <b>0620.5</b>		25 <b>0666.5</b>		10 <b>0712.5</b>		26 <b>0758.5</b>
	11 <b>0621.5</b>		26 <b>0667.5</b>		11 <b>0713.5</b>		27 <b>0759.5</b>
	12 <b>0622.5</b>		27 <b>0668.5</b>		12 <b>0714.5</b>		28 <b>0760.5</b>
	13 <b>0623.5</b>		28 <b>0669.5</b>		13 <b>0715.5</b>		29 <b>0761.5</b>
	14 <b>0624.5</b>		29 <b>0670.5</b>		14 <b>0716.5</b>		30 <b>0762.5</b>
	15 <b>0625.5</b>		30 <b>0671.5</b>		15 <b>0717.5</b>		31 <b>0763.5</b>

## JULIAN DAYS, 2080

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>248</b>		<b>248</b>		<b>248</b>		<b>248</b>
Jan.	0 <b>0763.5</b>	Feb.	15 <b>0809.5</b>	Apr.	1 <b>0855.5</b>	May	17 <b>0901.5</b>
	1 <b>0764.5</b>		16 <b>0810.5</b>		2 <b>0856.5</b>		18 <b>0902.5</b>
	2 <b>0765.5</b>		17 <b>0811.5</b>		3 <b>0857.5</b>		10 <b>0903.5</b>
	3 <b>0766.5</b>		18 <b>0812.5</b>		4 <b>0858.5</b>		20 <b>0904.5</b>
	4 <b>0767.5</b>		19 <b>0813.5</b>		5 <b>0859.5</b>		21 <b>0905.5</b>
	5 <b>0768.5</b>		20 <b>0814.5</b>		6 <b>0860.5</b>		22 <b>0906.5</b>
	6 <b>0769.5</b>		21 <b>0815.5</b>		7 <b>0861.5</b>		23 <b>0907.5</b>
	7 <b>0770.5</b>		22 <b>0816.5</b>		8 <b>0862.5</b>		24 <b>0908.5</b>
	8 <b>0771.5</b>		23 <b>0817.5</b>		9 <b>0863.5</b>		25 <b>0909.5</b>
	9 <b>0772.5</b>		24 <b>0818.5</b>		10 <b>0864.5</b>		26 <b>0910.5</b>
	10 <b>0773.5</b>		25 <b>0819.5</b>		11 <b>0865.5</b>		27 <b>0911.5</b>
	11 <b>0774.5</b>		26 <b>0820.5</b>		12 <b>0866.5</b>		28 <b>0912.5</b>
	12 <b>0775.5</b>		27 <b>0821.5</b>		13 <b>0867.5</b>		29 <b>0913.5</b>
	13 <b>0776.5</b>		28 <b>0822.5</b>		14 <b>0868.5</b>		30 <b>0914.5</b>
	14 <b>0777.5</b>		29 <b>0823.5</b>		15 <b>0869.5</b>		31 <b>0915.5</b>
	15 <b>0778.5</b>	Mar.	1 <b>0824.5</b>		16 <b>0870.5</b>	June	1 <b>0916.5</b>
	16 <b>0779.5</b>		2 <b>0825.5</b>		17 <b>0871.5</b>		2 <b>0917.5</b>
	17 <b>0780.5</b>		3 <b>0826.5</b>		18 <b>0872.5</b>		3 <b>0918.5</b>
	18 <b>0781.5</b>		4 <b>0827.5</b>		19 <b>0873.5</b>		4 <b>0919.5</b>
	19 <b>0782.5</b>		5 <b>0828.5</b>		20 <b>0874.5</b>		5 <b>0920.5</b>
	20 <b>0783.5</b>		6 <b>0829.5</b>		21 <b>0875.5</b>		6 <b>0921.5</b>
	21 <b>0784.5</b>		7 <b>0830.5</b>		22 <b>0876.5</b>		7 <b>0922.5</b>
	22 <b>0785.5</b>		8 <b>0831.5</b>		23 <b>0877.5</b>		8 <b>0923.5</b>
	23 <b>0786.5</b>		9 <b>0832.5</b>		24 <b>0878.5</b>		9 <b>0924.5</b>
	24 <b>0787.5</b>		10 <b>0833.5</b>		25 <b>0879.5</b>		10 <b>0925.5</b>
	25 <b>0788.5</b>		11 <b>0834.5</b>		26 <b>0880.5</b>		11 <b>0926.5</b>
	26 <b>0789.5</b>		12 <b>0835.5</b>		27 <b>0881.5</b>		12 <b>0927.5</b>
	27 <b>0790.5</b>		13 <b>0836.5</b>		28 <b>0882.5</b>		13 <b>0928.5</b>
	28 <b>0791.5</b>		14 <b>0837.5</b>		29 <b>0883.5</b>		14 <b>0929.5</b>
	29 <b>0792.5</b>		15 <b>0838.5</b>		30 <b>0884.5</b>		15 <b>0930.5</b>
	30 <b>0793.5</b>		16 <b>0839.5</b>	May	1 <b>0885.5</b>		16 <b>0931.5</b>
	31 <b>0794.5</b>		17 <b>0840.5</b>		2 <b>0886.5</b>		17 <b>0932.5</b>
Feb.	1 <b>0795.5</b>		18 <b>0841.5</b>		3 <b>0887.5</b>		18 <b>0933.5</b>
	2 <b>0796.5</b>		19 <b>0842.5</b>		4 <b>0888.5</b>		19 <b>0934.5</b>
	3 <b>0797.5</b>		20 <b>0843.5</b>		5 <b>0889.5</b>		20 <b>0935.5</b>
	4 <b>0798.5</b>		21 <b>0844.5</b>		6 <b>0890.5</b>		21 <b>0936.5</b>
	5 <b>0799.5</b>		22 <b>0845.5</b>		7 <b>0891.5</b>		22 <b>0937.5</b>
	6 <b>0800.5</b>		23 <b>0846.5</b>		8 <b>0892.5</b>		23 <b>0938.5</b>
	7 <b>0801.5</b>		24 <b>0847.5</b>		9 <b>0893.5</b>		24 <b>0939.5</b>
	8 <b>0802.5</b>		25 <b>0848.5</b>		10 <b>0894.5</b>		25 <b>0940.5</b>
	9 <b>0803.5</b>		26 <b>0849.5</b>		11 <b>0895.5</b>		26 <b>0941.5</b>
	10 <b>0804.5</b>		27 <b>0850.5</b>		12 <b>0896.5</b>		27 <b>0942.5</b>
	11 <b>0805.5</b>		28 <b>0851.5</b>		13 <b>0897.5</b>		28 <b>0943.5</b>
	12 <b>0806.5</b>		29 <b>0852.5</b>		14 <b>0898.5</b>		29 <b>0944.5</b>
	13 <b>0807.5</b>		30 <b>0853.5</b>		15 <b>0899.5</b>		30 <b>0945.5</b>
	14 <b>0808.5</b>		31 <b>0854.5</b>		16 <b>0900.5</b>	July	1 <b>0946.5</b>

## JULIAN DAYS, 2080

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>248</b>		<b>248</b>		<b>248</b>		<b>248</b>
July	1 <b>0946.5</b>	Aug.	16 <b>0992.5</b>	Oct.	1 <b>1038.5</b>	Nov.	16 <b>1084.5</b>
	2 <b>0947.5</b>		17 <b>0993.5</b>		2 <b>1039.5</b>		17 <b>1085.5</b>
	3 <b>0948.5</b>		18 <b>0994.5</b>		3 <b>1040.5</b>		18 <b>1086.5</b>
	4 <b>0949.5</b>		19 <b>0995.5</b>		4 <b>1041.5</b>		19 <b>1087.5</b>
	5 <b>0950.5</b>		20 <b>0996.5</b>		5 <b>1042.5</b>		20 <b>1088.5</b>
	6 <b>0951.5</b>		21 <b>0997.5</b>		6 <b>1043.5</b>		21 <b>1089.5</b>
	7 <b>0952.5</b>		22 <b>0998.5</b>		7 <b>1044.5</b>		22 <b>1090.5</b>
	8 <b>0953.5</b>		23 <b>0999.5</b>		8 <b>1045.5</b>		23 <b>1091.5</b>
	9 <b>0954.5</b>		24 <b>1000.5</b>		9 <b>1046.5</b>		24 <b>1092.5</b>
	10 <b>0955.5</b>		25 <b>1001.5</b>		10 <b>1047.5</b>		25 <b>1093.5</b>
	11 <b>0956.5</b>		26 <b>1002.5</b>		11 <b>1048.5</b>		26 <b>1094.5</b>
	12 <b>0957.5</b>		27 <b>1003.5</b>		12 <b>1049.5</b>		27 <b>1095.5</b>
	13 <b>0958.5</b>		28 <b>1004.5</b>		13 <b>1050.5</b>		28 <b>1096.5</b>
	14 <b>0959.5</b>		29 <b>1005.5</b>		14 <b>1051.5</b>		29 <b>1097.5</b>
	15 <b>0960.5</b>		30 <b>1006.5</b>		15 <b>1052.5</b>		30 <b>1098.5</b>
	16 <b>0961.5</b>		31 <b>1007.5</b>		16 <b>1053.5</b>	Dec.	1 <b>1099.5</b>
	17 <b>0962.5</b>	Sept.	1 <b>1008.5</b>		17 <b>1054.5</b>		2 <b>1100.5</b>
	18 <b>0963.5</b>		2 <b>1009.5</b>		18 <b>1055.5</b>		3 <b>1101.5</b>
	19 <b>0964.5</b>		3 <b>1010.5</b>		19 <b>1056.5</b>		4 <b>1102.5</b>
	20 <b>0965.5</b>		4 <b>1011.5</b>		20 <b>1057.5</b>		5 <b>1103.5</b>
	21 <b>0966.5</b>		5 <b>1012.5</b>		21 <b>1058.5</b>		6 <b>1104.5</b>
	22 <b>0967.5</b>		6 <b>1013.5</b>		22 <b>1059.5</b>		7 <b>1105.5</b>
	23 <b>0968.5</b>		7 <b>1014.5</b>		23 <b>1060.5</b>		8 <b>1106.5</b>
	24 <b>0969.5</b>		8 <b>1015.5</b>		24 <b>1061.5</b>		9 <b>1107.5</b>
	25 <b>0970.5</b>		9 <b>1016.5</b>		25 <b>1062.5</b>		10 <b>1108.5</b>
	26 <b>0971.5</b>		10 <b>1017.5</b>		26 <b>1063.5</b>		11 <b>1109.5</b>
	27 <b>0972.5</b>		11 <b>1018.5</b>		27 <b>1064.5</b>		12 <b>1110.5</b>
	28 <b>0973.5</b>		12 <b>1019.5</b>		28 <b>1065.5</b>		13 <b>1111.5</b>
	29 <b>0974.5</b>		13 <b>1020.5</b>		29 <b>1066.5</b>		14 <b>1112.5</b>
	30 <b>0975.5</b>		14 <b>1021.5</b>		30 <b>1067.5</b>		15 <b>1113.5</b>
	31 <b>0976.5</b>		15 <b>1022.5</b>		31 <b>1068.5</b>		16 <b>1114.5</b>
Aug.	1 <b>0977.5</b>		16 <b>1023.5</b>	Nov.	1 <b>1069.5</b>		17 <b>1115.5</b>
	2 <b>0978.5</b>		17 <b>1024.5</b>		2 <b>1070.5</b>		18 <b>1116.5</b>
	3 <b>0979.5</b>		18 <b>1025.5</b>		3 <b>1071.5</b>		19 <b>1117.5</b>
	4 <b>0980.5</b>		19 <b>1026.5</b>		4 <b>1072.5</b>		20 <b>1118.5</b>
	5 <b>0981.5</b>		20 <b>1027.5</b>		5 <b>1073.5</b>		21 <b>1119.5</b>
	6 <b>0982.5</b>		21 <b>1028.5</b>		6 <b>1074.5</b>		22 <b>1120.5</b>
	7 <b>0983.5</b>		22 <b>1029.5</b>		7 <b>1075.5</b>		23 <b>1121.5</b>
	8 <b>0984.5</b>		23 <b>1030.5</b>		8 <b>1076.5</b>		24 <b>1122.5</b>
	9 <b>0985.5</b>		24 <b>1031.5</b>		9 <b>1077.5</b>		25 <b>1123.5</b>
	10 <b>0986.5</b>		25 <b>1032.5</b>		10 <b>1078.5</b>		26 <b>1124.5</b>
	11 <b>0987.5</b>		26 <b>1033.5</b>		11 <b>1079.5</b>		27 <b>1125.5</b>
	12 <b>0988.5</b>		27 <b>1034.5</b>		12 <b>1080.5</b>		28 <b>1126.5</b>
	13 <b>0989.5</b>		28 <b>1035.5</b>		13 <b>1081.5</b>		29 <b>1127.5</b>
	14 <b>0990.5</b>		29 <b>1036.5</b>		14 <b>1082.5</b>		30 <b>1128.5</b>
	15 <b>0991.5</b>		30 <b>1037.5</b>		15 <b>1083.5</b>		31 <b>1129.5</b>

## JULIAN DAYS, 2081

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>248</b>		<b>248</b>		<b>248</b>		<b>248</b>
Jan.	0 1129.5	Feb.	15 1175.5	Apr.	2 1221.5	May	18 1267.5
	1 1130.5		16 1176.5		3 1222.5		19 1268.5
	2 1131.5		17 1177.5		4 1223.5		20 1269.5
	3 1132.5		18 1178.5		5 1224.5		21 1270.5
	4 1133.5		19 1179.5		6 1225.5		22 1271.5
	5 1134.5		20 1180.5		7 1226.5		23 1272.5
	6 1135.5		21 1181.5		8 1227.5		24 1273.5
	7 1136.5		22 1182.5		9 1228.5		25 1274.5
	8 1137.5		23 1183.5		10 1229.5		26 1275.5
	9 1138.5		24 1184.5		11 1230.5		27 1276.5
	10 1139.5		25 1185.5		12 1231.5		28 1277.5
	11 1140.5		26 1186.5		13 1232.5		29 1278.5
	12 1141.5		27 1187.5		14 1233.5		30 1279.5
	13 1142.5		28 1188.5		15 1234.5		31 1280.5
	14 1143.5	Mar.	1 1189.5		16 1235.5	June	1 1281.5
	15 1144.5		2 1190.5		17 1236.5		2 1282.5
	16 1145.5		3 1191.5		18 1237.5		3 1283.5
	17 1146.5		4 1192.5		19 1238.5		4 1284.5
	18 1147.5		5 1193.5		20 1239.5		5 1285.5
	19 1148.5		6 1194.5		21 1240.5		6 1286.5
	20 1149.5		7 1195.5		22 1241.5		7 1287.5
	21 1150.5		8 1196.5		23 1242.5		8 1288.5
	22 1151.5		9 1197.5		24 1243.5		9 1289.5
	23 1152.5		10 1198.5		25 1244.5		10 1290.5
	24 1153.5		11 1199.5		26 1245.5		11 1291.5
	25 1154.5		12 1200.5		27 1246.5		12 1292.5
	26 1155.5		13 1201.5		28 1247.5		13 1293.5
	27 1156.5		14 1202.5		29 1248.5		14 1294.5
	28 1157.5		15 1203.5		30 1249.5		15 1295.5
	29 1158.5		16 1204.5	May	1 1250.5		16 1296.5
	30 1159.5		17 1205.5		2 1251.5		17 1297.5
	31 1160.5		18 1206.5		3 1252.5		18 1298.5
Feb.	1 1161.5		19 1207.5		4 1253.5		19 1299.5
	2 1162.5		20 1208.5		5 1254.5		20 1300.5
	3 1163.5		21 1209.5		6 1255.5		21 1301.5
	4 1164.5		22 1210.5		7 1256.5		22 1302.5
	5 1165.5		23 1211.5		8 1257.5		23 1303.5
	6 1166.5		24 1212.5		9 1258.5		24 1304.5
	7 1167.5		25 1213.5		10 1259.5		25 1305.5
	8 1168.5		26 1214.5		11 1260.5		26 1306.5
	9 1169.5		27 1215.5		12 1261.5		27 1307.5
	10 1170.5		28 1216.5		13 1262.5		28 1308.5
	11 1171.5		29 1217.5		14 1263.5		29 1309.5
	12 1172.5		30 1218.5		15 1264.5		30 1310.5
	13 1173.5		31 1219.5		16 1265.5	July	1 1311.5
	14 1174.5	Apr.	1 1220.5		17 1266.5		2 1312.5

## JULIAN DAYS, 2081

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>248</b>		<b>248</b>		<b>248</b>		<b>248</b>
July	1 1311.5	Aug.	16 1357.5	Oct.	1 1403.5	Nov.	16 1449.5
	2 1312.5		17 1358.5		2 1404.5		17 1450.5
	3 1313.5		18 1359.5		3 1405.5		18 1451.5
	4 1314.5		19 1360.5		4 1406.5		19 1452.5
	5 1315.5		20 1361.5		5 1407.5		20 1453.5
	6 1316.5		21 1362.5		6 1408.5		21 1454.5
	7 1317.5		22 1363.5		7 1409.5		22 1455.5
	8 1318.5		23 1364.5		8 1410.5		23 1456.5
	9 1319.5		24 1365.5		9 1411.5		24 1457.5
	10 1320.5		25 1366.5		10 1412.5		25 1458.5
	11 1321.5		26 1367.5		11 1413.5		26 1459.5
	12 1322.5		27 1368.5		12 1414.5		27 1460.5
	13 1323.5		28 1369.5		13 1415.5		28 1461.5
	14 1324.5		29 1370.5		14 1416.5		29 1462.5
	15 1325.5		30 1371.5		15 1417.5		30 1463.5
	16 1326.5		31 1372.5		16 1418.5	Dec.	1 1464.5
	17 1327.5	Sept.	1 1373.5		17 1419.5		2 1465.5
	18 1328.5		2 1374.5		18 1420.5		3 1466.5
	19 1329.5		3 1375.5		19 1421.5		4 1467.5
	20 1330.5		4 1376.5		20 1422.5		5 1468.5
	21 1331.5		5 1377.5		21 1423.5		6 1469.5
	22 1332.5		6 1378.5		22 1424.5		7 1470.5
	23 1333.5		7 1379.5		23 1425.5		8 1471.5
	24 1334.5		8 1380.5		24 1426.5		9 1472.5
	25 1335.5		9 1381.5		25 1427.5		10 1473.5
	26 1336.5		10 1382.5		26 1428.5		11 1474.5
	27 1337.5		11 1383.5		27 1429.5		12 1475.5
	28 1338.5		12 1384.5		28 1430.5		13 1476.5
	29 1339.5		13 1385.5		29 1431.5		14 1477.5
	30 1340.5		14 1386.5		30 1432.5		15 1478.5
	31 1341.5		15 1387.5		31 1433.5		16 1479.5
Aug.	1 1342.5		16 1388.5	Nov.	1 1434.5		17 1480.5
	2 1343.5		17 1389.5		2 1435.5		18 1481.5
	3 1344.5		18 1390.5		3 1436.5		19 1482.5
	4 1345.5		19 1391.5		4 1437.5		20 1483.5
	5 1346.5		20 1392.5		5 1438.5		21 1484.5
	6 1347.5		21 1393.5		6 1439.5		22 1485.5
	7 1348.5		22 1394.5		7 1440.5		23 1486.5
	8 1349.5		23 1395.5		8 1441.5		24 1487.5
	9 1350.5		24 1396.5		9 1442.5		25 1488.5
	10 1351.5		25 1397.5		10 1443.5		26 1489.5
	11 1352.5		26 1398.5		11 1444.5		27 1490.5
	12 1353.5		27 1399.5		12 1445.5		28 1491.5
	13 1354.5		28 1400.5		13 1446.5		29 1492.5
	14 1355.5		29 1401.5		14 1447.5		30 1493.5
	15 1356.5		30 1402.5		15 1448.5		31 1494.5

## JULIAN DAYS, 2082

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>248</b>		<b>248</b>		<b>248</b>		<b>248</b>
Jan.	0 1494.5	Feb.	15 1540.5	Apr.	2 1586.5	May	18 1632.5
	1 1495.5		16 1541.5		3 1587.5		19 1633.5
	2 1496.5		17 1542.5		4 1588.5		20 1634.5
	3 1497.5		18 1543.5		5 1589.5		21 1635.5
	4 1498.5		19 1544.5		6 1590.5		22 1636.5
	5 1499.5		20 1545.5		7 1591.5		23 1637.5
	6 1500.5		21 1546.5		8 1592.5		24 1638.5
	7 1501.5		22 1547.5		9 1593.5		25 1639.5
	8 1502.5		23 1548.5		10 1594.5		26 1640.5
	9 1503.5		24 1549.5		11 1595.5		27 1641.5
	10 1504.5		25 1550.5		12 1596.5		28 1642.5
	11 1505.5		26 1551.5		13 1597.5		29 1643.5
	12 1506.5		27 1552.5		14 1598.5		30 1644.5
	13 1507.5		28 1553.5		15 1599.5		31 1645.5
	14 1508.5	Mar.	1 1554.5		16 1600.5	June	1 1646.5
	15 1509.5		2 1555.5		17 1601.5		2 1647.5
	16 1510.5		3 1556.5		18 1602.5		3 1648.5
	17 1511.5		4 1557.5		19 1603.5		4 1649.5
	18 1512.5		5 1558.5		20 1604.5		5 1650.5
	19 1513.5		6 1559.5		21 1605.5		6 1651.5
	20 1514.5		7 1560.5		22 1606.5		7 1652.5
	21 1515.5		8 1561.5		23 1607.5		8 1653.5
	22 1516.5		9 1562.5		24 1608.5		9 1654.5
	23 1517.5		10 1563.5		25 1609.5		10 1655.5
	24 1518.5		11 1564.5		26 1610.5		11 1656.5
	25 1519.5		12 1565.5		27 1611.5		12 1657.5
	26 1520.5		13 1566.5		28 1612.5		13 1658.5
	27 1521.5		14 1567.5		29 1613.5		14 1659.5
	28 1522.5		15 1568.5		30 1614.5		15 1660.5
	29 1523.5		16 1569.5	May	1 1615.5		16 1661.5
	30 1524.5		17 1570.5		2 1616.5		17 1662.5
	31 1525.5		18 1571.5		3 1617.5		18 1663.5
Feb.	1 1526.5		19 1572.5		4 1618.5		19 1664.5
	2 1527.5		20 1573.5		5 1619.5		20 1665.5
	3 1528.5		21 1574.5		6 1620.5		21 1666.5
	4 1529.5		22 1575.5		7 1621.5		22 1667.5
	5 1530.5		23 1576.5		8 1622.5		23 1668.5
	6 1531.5		24 1577.5		9 1623.5		24 1669.5
	7 1532.5		25 1578.5		10 1624.5		25 1670.5
	8 1533.5		26 1579.5		11 1625.5		26 1671.5
	9 1534.5		27 1580.5		12 1626.5		27 1672.5
	10 1535.5		28 1581.5		13 1627.5		28 1673.5
	11 1536.5		29 1582.5		14 1628.5		29 1674.5
	12 1537.5		30 1583.5		15 1629.5		30 1675.5
	13 1538.5		31 1584.5		16 1630.5	July	1 1676.5
	14 1539.5	Apr.	1 1585.5		17 1631.5		2 1677.5

## JULIAN DAYS, 2082

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>248</b>		<b>248</b>		<b>248</b>		<b>248</b>
July	1 1676.5	Aug.	16 1722.5	Oct.	1 1768.5	Nov.	16 1814.5
	2 1677.5		17 1723.5		2 1769.5		17 1815.5
	3 1678.5		18 1724.5		3 1770.5		18 1816.5
	4 1679.5		19 1725.5		4 1771.5		19 1817.5
	5 1680.5		20 1726.5		5 1772.5		20 1818.5
	6 1681.5		21 1727.5		6 1773.5		21 1819.5
	7 1682.5		22 1728.5		7 1774.5		22 1820.5
	8 1683.5		23 1729.5		8 1775.5		23 1821.5
	9 1684.5		24 1730.5		9 1776.5		24 1822.5
	10 1685.5		25 1731.5		10 1777.5		25 1823.5
	11 1686.5		26 1732.5		11 1778.5		26 1824.5
	12 1687.5		27 1733.5		12 1779.5		27 1825.5
	13 1688.5		28 1734.5		13 1780.5		28 1826.5
	14 1689.5		29 1735.5		14 1781.5		29 1827.5
	15 1690.5		30 1736.5		15 1782.5		30 1828.5
	16 1691.5		31 1737.5		16 1783.5	Dec.	1 1829.5
	17 1692.5	Sept.	1 1738.5		17 1784.5		2 1830.5
	18 1693.5		2 1739.5		18 1785.5		3 1831.5
	19 1694.5		3 1740.5		19 1786.5		4 1832.5
	20 1695.5		4 1741.5		20 1787.5		5 1833.5
	21 1696.5		5 1742.5		21 1788.5		6 1834.5
	22 1697.5		6 1743.5		22 1789.5		7 1835.5
	23 1698.5		7 1744.5		23 1790.5		8 1836.5
	24 1699.5		8 1745.5		24 1791.5		9 1837.5
	25 1700.5		9 1746.5		25 1792.5		10 1838.5
	26 1701.5		10 1747.5		26 1793.5		11 1839.5
	27 1702.5		11 1748.5		27 1794.5		12 1840.5
	28 1703.5		12 1749.5		28 1795.5		13 1841.5
	29 1704.5		13 1750.5		29 1796.5		14 1842.5
	30 1705.5		14 1751.5		30 1797.5		15 1843.5
	31 1706.5		15 1752.5		31 1798.5		16 1844.5
Aug.	1 1707.5		16 1753.5	Nov.	1 1799.5		17 1845.5
	2 1708.5		17 1754.5		2 1800.5		18 1846.5
	3 1709.5		18 1755.5		3 1801.5		19 1847.5
	4 1710.5		19 1756.5		4 1802.5		20 1848.5
	5 1711.5		20 1757.5		5 1803.5		21 1849.5
	6 1712.5		21 1758.5		6 1804.5		22 1850.5
	7 1713.5		22 1759.5		7 1805.5		23 1851.5
	8 1714.5		23 1760.5		8 1806.5		24 1852.5
	9 1715.5		24 1761.5		9 1807.5		25 1853.5
	10 1716.5		25 1762.5		10 1808.5		26 1854.5
	11 1717.5		26 1763.5		11 1809.5		27 1855.5
	12 1718.5		27 1764.5		12 1810.5		28 1856.5
	13 1719.5		28 1765.5		13 1811.5		29 1857.5
	14 1720.5		29 1766.5		14 1812.5		30 1858.5
	15 1721.5		30 1767.5		15 1813.5		31 1859.5

## JULIAN DAYS, 2083

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>248</b>		<b>248</b>		<b>248</b>		<b>248</b>
Jan.	0 <b>1859.5</b>	Feb.	15 <b>1905.5</b>	Apr.	2 <b>1951.5</b>	May	18 <b>1997.5</b>
	1 <b>1860.5</b>		16 <b>1906.5</b>		3 <b>1952.5</b>		19 <b>1998.5</b>
	2 <b>1861.5</b>		17 <b>1907.5</b>		4 <b>1953.5</b>		20 <b>1999.5</b>
	3 <b>1862.5</b>		18 <b>1908.5</b>		5 <b>1954.5</b>		21 <b>2000.5</b>
	4 <b>1863.5</b>		19 <b>1909.5</b>		6 <b>1955.5</b>		22 <b>2001.5</b>
	5 <b>1864.5</b>		20 <b>1910.5</b>		7 <b>1956.5</b>		23 <b>2002.5</b>
	6 <b>1865.5</b>		21 <b>1911.5</b>		8 <b>1957.5</b>		24 <b>2003.5</b>
	7 <b>1866.5</b>		22 <b>1912.5</b>		9 <b>1958.5</b>		25 <b>2004.5</b>
	8 <b>1867.5</b>		23 <b>1913.5</b>		10 <b>1959.5</b>		26 <b>2005.5</b>
	9 <b>1868.5</b>		24 <b>1914.5</b>		11 <b>1960.5</b>		27 <b>2006.5</b>
	10 <b>1869.5</b>		25 <b>1915.5</b>		12 <b>1961.5</b>		28 <b>2007.5</b>
	11 <b>1870.5</b>		26 <b>1916.5</b>		13 <b>1962.5</b>		29 <b>2008.5</b>
	12 <b>1871.5</b>		27 <b>1917.5</b>		14 <b>1963.5</b>		30 <b>2009.5</b>
	13 <b>1872.5</b>		28 <b>1918.5</b>		15 <b>1964.5</b>		31 <b>2010.5</b>
	14 <b>1873.5</b>	Mar.	1 <b>1919.5</b>		16 <b>1965.5</b>	June	1 <b>2011.5</b>
	15 <b>1874.5</b>		2 <b>1920.5</b>		17 <b>1966.5</b>		2 <b>2012.5</b>
	16 <b>1875.5</b>		3 <b>1921.5</b>		18 <b>1967.5</b>		3 <b>2013.5</b>
	17 <b>1876.5</b>		4 <b>1922.5</b>		19 <b>1968.5</b>		4 <b>2014.5</b>
	18 <b>1877.5</b>		5 <b>1923.5</b>		20 <b>1969.5</b>		5 <b>2015.5</b>
	19 <b>1878.5</b>		6 <b>1924.5</b>		21 <b>1970.5</b>		6 <b>2016.5</b>
	20 <b>1879.5</b>		7 <b>1925.5</b>		22 <b>1971.5</b>		7 <b>2017.5</b>
	21 <b>1880.5</b>		8 <b>1926.5</b>		23 <b>1972.5</b>		8 <b>2018.5</b>
	22 <b>1881.5</b>		9 <b>1927.5</b>		24 <b>1973.5</b>		9 <b>2019.5</b>
	23 <b>1882.5</b>		10 <b>1928.5</b>		25 <b>1974.5</b>		10 <b>2020.5</b>
	24 <b>1883.5</b>		11 <b>1929.5</b>		26 <b>1975.5</b>		11 <b>2021.5</b>
	25 <b>1884.5</b>		12 <b>1930.5</b>		27 <b>1976.5</b>		12 <b>2022.5</b>
	26 <b>1885.5</b>		13 <b>1931.5</b>		28 <b>1977.5</b>		13 <b>2023.5</b>
	27 <b>1886.5</b>		14 <b>1932.5</b>		29 <b>1978.5</b>		14 <b>2024.5</b>
	28 <b>1887.5</b>		15 <b>1933.5</b>		30 <b>1979.5</b>		15 <b>2025.5</b>
	29 <b>1888.5</b>		16 <b>1934.5</b>	May	1 <b>1980.5</b>		16 <b>2026.5</b>
	30 <b>1889.5</b>		17 <b>1935.5</b>		2 <b>1981.5</b>		17 <b>2027.5</b>
	31 <b>1890.5</b>		18 <b>1936.5</b>		3 <b>1982.5</b>		18 <b>2028.5</b>
Feb.	1 <b>1891.5</b>		19 <b>1937.5</b>		4 <b>1983.5</b>		19 <b>2029.5</b>
	2 <b>1892.5</b>		20 <b>1938.5</b>		5 <b>1984.5</b>		20 <b>2030.5</b>
	3 <b>1893.5</b>		21 <b>1939.5</b>		6 <b>1985.5</b>		21 <b>2031.5</b>
	4 <b>1894.5</b>		22 <b>1940.5</b>		7 <b>1986.5</b>		22 <b>2032.5</b>
	5 <b>1895.5</b>		23 <b>1941.5</b>		8 <b>1987.5</b>		23 <b>2033.5</b>
	6 <b>1896.5</b>		24 <b>1942.5</b>		9 <b>1988.5</b>		24 <b>2034.5</b>
	7 <b>1897.5</b>		25 <b>1943.5</b>		10 <b>1989.5</b>		25 <b>2035.5</b>
	8 <b>1898.5</b>		26 <b>1944.5</b>		11 <b>1990.5</b>		26 <b>2036.5</b>
	9 <b>1899.5</b>		27 <b>1945.5</b>		12 <b>1991.5</b>		27 <b>2037.5</b>
	10 <b>1900.5</b>		28 <b>1946.5</b>		13 <b>1992.5</b>		28 <b>2038.5</b>
	11 <b>1901.5</b>		29 <b>1947.5</b>		14 <b>1993.5</b>		29 <b>2039.5</b>
	12 <b>1902.5</b>		30 <b>1948.5</b>		15 <b>1994.5</b>		30 <b>2040.5</b>
	13 <b>1903.5</b>		31 <b>1949.5</b>		16 <b>1995.5</b>	July	1 <b>2041.5</b>
	14 <b>1904.5</b>	Apr.	1 <b>1950.5</b>		17 <b>1996.5</b>		2 <b>2042.5</b>



## JULIAN DAYS, 2083

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day		
	<b>248</b>		<b>248</b>		<b>248</b>		<b>248</b>		
July	1	2041.5	Aug. 16	2087.5	Oct. 1	2133.5	Nov. 16	2179.5	
	2	2042.5		17	2088.5	2	2134.5	17	2180.5
	3	2043.5		18	2089.5	3	2135.5	18	2181.5
	4	2044.5		19	2090.5	4	2136.5	19	2182.5
	5	2045.5		20	2091.5	5	2137.5	20	2183.5
	6	2046.5		21	2092.5	6	2138.5	21	2184.5
	7	2047.5		22	2093.5	7	2139.5	22	2185.5
	8	2048.5		23	2094.5	8	2140.5	23	2186.5
	9	2049.5		24	2095.5	9	2141.5	24	2187.5
	10	2050.5		25	2096.5	10	2142.5	25	2188.5
	11	2051.5		26	2097.5	11	2143.5	26	2189.5
	12	2052.5		27	2098.5	12	2144.5	27	2190.5
	13	2053.5		28	2099.5	13	2145.5	28	2191.5
	14	2054.5		29	2100.5	14	2146.5	29	2192.5
	15	2055.5		30	2101.5	15	2147.5	30	2193.5
	16	2056.5		31	2102.5	16	2148.5	Dec. 1	2194.5
	17	2057.5	Sept. 1	2103.5	17	2149.5	2	2195.5	
	18	2058.5		2	2104.5	18	2150.5	3	2196.5
	19	2059.5		3	2105.5	19	2151.5	4	2197.5
	20	2060.5		4	2106.5	20	2152.5	5	2198.5
	21	2061.5		5	2107.5	21	2153.5	6	2199.5
	22	2062.5		6	2108.5	22	2154.5	7	2200.5
	23	2063.5		7	2109.5	23	2155.5	8	2201.5
	24	2064.5		8	2110.5	24	2156.5	9	2202.5
	25	2065.5		9	2111.5	25	2157.5	10	2203.5
	26	2066.5		10	2112.5	26	2158.5	11	2204.5
	27	2067.5		11	2113.5	27	2159.5	12	2205.5
	28	2068.5		12	2114.5	28	2160.5	13	2206.5
	29	2069.5		13	2115.5	29	2161.5	14	2207.5
	30	2070.5		14	2116.5	30	2162.5	15	2208.5
	31	2071.5		15	2117.5	31	2163.5	16	2209.5
Aug.	1	2072.5		16	2118.5	Nov. 1	2164.5	17	2210.5
	2	2073.5		17	2119.5	2	2165.5	18	2211.5
	3	2074.5		18	2120.5	3	2166.5	19	2212.5
	4	2075.5		19	2121.5	4	2167.5	20	2213.5
	5	2076.5		20	2122.5	5	2168.5	21	2214.5
	6	2077.5		21	2123.5	6	2169.5	22	2215.5
	7	2078.5		22	2124.5	7	2170.5	23	2216.5
	8	2079.5		23	2125.5	8	2171.5	24	2217.5
	9	2080.5		24	2126.5	9	2172.5	25	2218.5
	10	2081.5		25	2127.5	10	2173.5	26	2219.5
	11	2082.5		26	2128.5	11	2174.5	27	2220.5
	12	2083.5		27	2129.5	12	2175.5	28	2221.5
	13	2084.5		28	2130.5	13	2176.5	29	2222.5
	14	2085.5		29	2131.5	14	2177.5	30	2223.5
	15	2086.5		30	2132.5	15	2178.5	31	2224.5

## JULIAN DAYS, 2084

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>248</b>		<b>248</b>		<b>248</b>		<b>248</b>
Jan.	0 2224.5	Feb.	15 2270.5	Apr.	1 2316.5	May	17 2362.5
	1 2225.5		16 2271.5		2 2317.5		18 2363.5
	2 2226.5		17 2272.5		3 2318.5		10 2364.5
	3 2227.5		18 2273.5		4 2319.5		20 2365.5
	4 2228.5		19 2274.5		5 2320.5		21 2366.5
	5 2229.5		20 2275.5		6 2321.5		22 2367.5
	6 2230.5		21 2276.5		7 2322.5		23 2368.5
	7 2231.5		22 2277.5		8 2323.5		24 2369.5
	8 2232.5		23 2278.5		9 2324.5		25 2370.5
	9 2233.5		24 2279.5		10 2325.5		26 2371.5
	10 2234.5		25 2280.5		11 2326.5		27 2372.5
	11 2235.5		26 2281.5		12 2327.5		28 2373.5
	12 2236.5		27 2282.5		13 2328.5		29 2374.5
	13 2237.5		28 2283.5		14 2329.5		30 2375.5
	14 2238.5		29 2284.5		15 2330.5		31 2376.5
	15 2239.5	Mar.	1 2285.5		16 2331.5	June	1 2377.5
	16 2240.5		2 2286.5		17 2332.5		2 2378.5
	17 2241.5		3 2287.5		18 2333.5		3 2379.5
	18 2242.5		4 2288.5		19 2334.5		4 2380.5
	19 2243.5		5 2289.5		20 2335.5		5 2381.5
	20 2244.5		6 2290.5		21 2336.5		6 2382.5
	21 2245.5		7 2291.5		22 2337.5		7 2383.5
	22 2246.5		8 2292.5		23 2338.5		8 2384.5
	23 2247.5		9 2293.5		24 2339.5		9 2385.5
	24 2248.5		10 2294.5		25 2340.5		10 2386.5
	25 2249.5		11 2295.5		26 2341.5		11 2387.5
	26 2250.5		12 2296.5		27 2342.5		12 2388.5
	27 2251.5		13 2297.5		28 2343.5		13 2389.5
	28 2252.5		14 2298.5		29 2344.5		14 2390.5
	29 2253.5		15 2299.5		30 2345.5		15 2391.5
	30 2254.5		16 2300.5	May	1 2346.5		16 2392.5
	31 2255.5		17 2301.5		2 2347.5		17 2393.5
Feb.	1 2256.5		18 2302.5		3 2348.5		18 2394.5
	2 2257.5		19 2303.5		4 2349.5		19 2395.5
	3 2258.5		20 2304.5		5 2350.5		20 2396.5
	4 2259.5		21 2305.5		6 2351.5		21 2397.5
	5 2260.5		22 2306.5		7 2352.5		22 2398.5
	6 2261.5		23 2307.5		8 2353.5		23 2399.5
	7 2262.5		24 2308.5		9 2354.5		24 2400.5
	8 2263.5		25 2309.5		10 2355.5		25 2401.5
	9 2264.5		26 2310.5		11 2356.5		26 2402.5
	10 2265.5		27 2311.5		12 2357.5		27 2403.5
	11 2266.5		28 2312.5		13 2358.5		28 2404.5
	12 2267.5		29 2313.5		14 2359.5		29 2405.5
	13 2268.5		30 2314.5		15 2360.5		30 2406.5
	14 2269.5		31 2315.5		16 2361.5	July	1 2407.5

## JULIAN DAYS, 2084

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>248</b>		<b>248</b>		<b>248</b>		<b>248</b>
July	1 2407.5	Aug.	16 2453.5	Oct.	1 2499.5	Nov.	16 2545.5
	2 2408.5		17 2454.5		2 2500.5		17 2546.5
	3 2409.5		18 2455.5		3 2501.5		18 2547.5
	4 2410.5		19 2456.5		4 2502.5		19 2548.5
	5 2411.5		20 2457.5		5 2503.5		20 2549.5
	6 2412.5		21 2458.5		6 2504.5		21 2550.5
	7 2413.5		22 2459.5		7 2505.5		22 2551.5
	8 2414.5		23 2460.5		8 2506.5		23 2552.5
	9 2415.5		24 2461.5		9 2507.5		24 2553.5
	10 2416.5		25 2462.5		10 2508.5		25 2554.5
	11 2417.5		26 2463.5		11 2509.5		26 2555.5
	12 2418.5		27 2464.5		12 2510.5		27 2556.5
	13 2419.5		28 2465.5		13 2511.5		28 2557.5
	14 2420.5		29 2466.5		14 2512.5		29 2558.5
	15 2421.5		30 2467.5		15 2513.5		30 2559.5
	16 2422.5		31 2468.5		16 2514.5	Dec.	1 2560.5
	17 2423.5	Sept.	1 2469.5		17 2515.5		2 2561.5
	18 2424.5		2 2470.5		18 2516.5		3 2562.5
	19 2425.5		3 2471.5		19 2517.5		4 2563.5
	20 2426.5		4 2472.5		20 2518.5		5 2564.5
	21 2427.5		5 2473.5		21 2519.5		6 2565.5
	22 2428.5		6 2474.5		22 2520.5		7 2566.5
	23 2429.5		7 2475.5		23 2521.5		8 2567.5
	24 2430.5		8 2476.5		24 2522.5		9 2568.5
	25 2431.5		9 2477.5		25 2523.5		10 2569.5
	26 2432.5		10 2478.5		26 2524.5		11 2570.5
	27 2433.5		11 2479.5		27 2525.5		12 2571.5
	28 2434.5		12 2480.5		28 2526.5		13 2572.5
	29 2435.5		13 2481.5		29 2527.5		14 2573.5
	30 2436.5		14 2482.5		30 2528.5		15 2574.5
	31 2437.5		15 2483.5		31 2529.5		16 2575.5
Aug.	1 2438.5		16 2484.5	Nov.	1 2530.5		17 2576.5
	2 2439.5		17 2485.5		2 2531.5		18 2577.5
	3 2440.5		18 2486.5		3 2532.5		19 2578.5
	4 2441.5		19 2487.5		4 2533.5		20 2579.5
	5 2442.5		20 2488.5		5 2534.5		21 2580.5
	6 2443.5		21 2489.5		6 2535.5		22 2581.5
	7 2444.5		22 2490.5		7 2536.5		23 2582.5
	8 2445.5		23 2491.5		8 2537.5		24 2583.5
	9 2446.5		24 2492.5		9 2538.5		25 2584.5
	10 2447.5		25 2493.5		10 2539.5		26 2585.5
	11 2448.5		26 2494.5		11 2540.5		27 2586.5
	12 2449.5		27 2495.5		12 2541.5		28 2587.5
	13 2450.5		28 2496.5		13 2542.5		29 2588.5
	14 2451.5		29 2497.5		14 2543.5		30 2589.5
	15 2452.5		30 2498.5		15 2544.5		31 2590.5

## JULIAN DAYS, 2085

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>248</b>		<b>248</b>		<b>248</b>		<b>248</b>
Jan.	0 <b>2590.5</b>	Feb.	15 <b>2636.5</b>	Apr.	2 <b>2682.5</b>	May	18 <b>2728.5</b>
	1 <b>2591.5</b>		16 <b>2637.5</b>		3 <b>2683.5</b>		19 <b>2729.5</b>
	2 <b>2592.5</b>		17 <b>2638.5</b>		4 <b>2684.5</b>		20 <b>2730.5</b>
	3 <b>2593.5</b>		18 <b>2639.5</b>		5 <b>2685.5</b>		21 <b>2731.5</b>
	4 <b>2594.5</b>		19 <b>2640.5</b>		6 <b>2686.5</b>		22 <b>2732.5</b>
	5 <b>2595.5</b>		20 <b>2641.5</b>		7 <b>2687.5</b>		23 <b>2733.5</b>
	6 <b>2596.5</b>		21 <b>2642.5</b>		8 <b>2688.5</b>		24 <b>2734.5</b>
	7 <b>2597.5</b>		22 <b>2643.5</b>		9 <b>2689.5</b>		25 <b>2735.5</b>
	8 <b>2598.5</b>		23 <b>2644.5</b>		10 <b>2690.5</b>		26 <b>2736.5</b>
	9 <b>2599.5</b>		24 <b>2645.5</b>		11 <b>2691.5</b>		27 <b>2737.5</b>
	10 <b>2600.5</b>		25 <b>2646.5</b>		12 <b>2692.5</b>		28 <b>2738.5</b>
	11 <b>2601.5</b>		26 <b>2647.5</b>		13 <b>2693.5</b>		29 <b>2739.5</b>
	12 <b>2602.5</b>		27 <b>2648.5</b>		14 <b>2694.5</b>		30 <b>2740.5</b>
	13 <b>2603.5</b>		28 <b>2649.5</b>		15 <b>2695.5</b>		31 <b>2741.5</b>
	14 <b>2604.5</b>	Mar.	1 <b>2650.5</b>		16 <b>2696.5</b>	June	1 <b>2742.5</b>
	15 <b>2605.5</b>		2 <b>2651.5</b>		17 <b>2697.5</b>		2 <b>2743.5</b>
	16 <b>2606.5</b>		3 <b>2652.5</b>		18 <b>2698.5</b>		3 <b>2744.5</b>
	17 <b>2607.5</b>		4 <b>2653.5</b>		19 <b>2699.5</b>		4 <b>2745.5</b>
	18 <b>2608.5</b>		5 <b>2654.5</b>		20 <b>2700.5</b>		5 <b>2746.5</b>
	19 <b>2609.5</b>		6 <b>2655.5</b>		21 <b>2701.5</b>		6 <b>2747.5</b>
	20 <b>2610.5</b>		7 <b>2656.5</b>		22 <b>2702.5</b>		7 <b>2748.5</b>
	21 <b>2611.5</b>		8 <b>2657.5</b>		23 <b>2703.5</b>		8 <b>2749.5</b>
	22 <b>2612.5</b>		9 <b>2658.5</b>		24 <b>2704.5</b>		9 <b>2750.5</b>
	23 <b>2613.5</b>		10 <b>2659.5</b>		25 <b>2705.5</b>		10 <b>2751.5</b>
	24 <b>2614.5</b>		11 <b>2660.5</b>		26 <b>2706.5</b>		11 <b>2752.5</b>
	25 <b>2615.5</b>		12 <b>2661.5</b>		27 <b>2707.5</b>		12 <b>2753.5</b>
	26 <b>2616.5</b>		13 <b>2662.5</b>		28 <b>2708.5</b>		13 <b>2754.5</b>
	27 <b>2617.5</b>		14 <b>2663.5</b>		29 <b>2709.5</b>		14 <b>2755.5</b>
	28 <b>2618.5</b>		15 <b>2664.5</b>		30 <b>2710.5</b>		15 <b>2756.5</b>
	29 <b>2619.5</b>		16 <b>2665.5</b>	May	1 <b>2711.5</b>		16 <b>2757.5</b>
	30 <b>2620.5</b>		17 <b>2666.5</b>		2 <b>2712.5</b>		17 <b>2758.5</b>
	31 <b>2621.5</b>		18 <b>2667.5</b>		3 <b>2713.5</b>		18 <b>2759.5</b>
Feb.	1 <b>2622.5</b>		19 <b>2668.5</b>		4 <b>2714.5</b>		19 <b>2760.5</b>
	2 <b>2623.5</b>		20 <b>2669.5</b>		5 <b>2715.5</b>		20 <b>2761.5</b>
	3 <b>2624.5</b>		21 <b>2670.5</b>		6 <b>2716.5</b>		21 <b>2762.5</b>
	4 <b>2625.5</b>		22 <b>2671.5</b>		7 <b>2717.5</b>		22 <b>2763.5</b>
	5 <b>2626.5</b>		23 <b>2672.5</b>		8 <b>2718.5</b>		23 <b>2764.5</b>
	6 <b>2627.5</b>		24 <b>2673.5</b>		9 <b>2719.5</b>		24 <b>2765.5</b>
	7 <b>2628.5</b>		25 <b>2674.5</b>		10 <b>2720.5</b>		25 <b>2766.5</b>
	8 <b>2629.5</b>		26 <b>2675.5</b>		11 <b>2721.5</b>		26 <b>2767.5</b>
	9 <b>2630.5</b>		27 <b>2676.5</b>		12 <b>2722.5</b>		27 <b>2768.5</b>
	10 <b>2631.5</b>		28 <b>2677.5</b>		13 <b>2723.5</b>		28 <b>2769.5</b>
	11 <b>2632.5</b>		29 <b>2678.5</b>		14 <b>2724.5</b>		29 <b>2770.5</b>
	12 <b>2633.5</b>		30 <b>2679.5</b>		15 <b>2725.5</b>		30 <b>2771.5</b>
	13 <b>2634.5</b>		31 <b>2680.5</b>		16 <b>2726.5</b>	July	1 <b>2772.5</b>
	14 <b>2635.5</b>	Apr.	1 <b>2681.5</b>		17 <b>2727.5</b>		2 <b>2773.5</b>

## JULIAN DAYS, 2085

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day		
	<b>248</b>		<b>248</b>		<b>248</b>		<b>248</b>		
July	1	2772.5	Aug. 16	2818.5	Oct. 1	2864.5	Nov. 16	2910.5	
	2	2773.5		17	2819.5	2	2865.5	17	2911.5
	3	2774.5		18	2820.5	3	2866.5	18	2912.5
	4	2775.5		19	2821.5	4	2867.5	19	2913.5
	5	2776.5		20	2822.5	5	2868.5	20	2914.5
	6	2777.5		21	2823.5	6	2869.5	21	2915.5
	7	2778.5		22	2824.5	7	2870.5	22	2916.5
	8	2779.5		23	2825.5	8	2871.5	23	2917.5
	9	2780.5		24	2826.5	9	2872.5	24	2918.5
	10	2781.5		25	2827.5	10	2873.5	25	2919.5
	11	2782.5		26	2828.5	11	2874.5	26	2920.5
	12	2783.5		27	2829.5	12	2875.5	27	2921.5
	13	2784.5		28	2830.5	13	2876.5	28	2922.5
	14	2785.5		29	2831.5	14	2877.5	29	2923.5
	15	2786.5		30	2832.5	15	2878.5	30	2924.5
	16	2787.5		31	2833.5	16	2879.5	Dec. 1	2925.5
	17	2788.5	Sept. 1	2834.5	17	2880.5	2	2926.5	
	18	2789.5		2	2835.5	18	2881.5	3	2927.5
	19	2790.5		3	2836.5	19	2882.5	4	2928.5
	20	2791.5		4	2837.5	20	2883.5	5	2929.5
	21	2792.5		5	2838.5	21	2884.5	6	2930.5
	22	2793.5		6	2839.5	22	2885.5	7	2931.5
	23	2794.5		7	2840.5	23	2886.5	8	2932.5
	24	2795.5		8	2841.5	24	2887.5	9	2933.5
	25	2796.5		9	2842.5	25	2888.5	10	2934.5
	26	2797.5		10	2843.5	26	2889.5	11	2935.5
	27	2798.5		11	2844.5	27	2890.5	12	2936.5
	28	2799.5		12	2845.5	28	2891.5	13	2937.5
	29	2800.5		13	2846.5	29	2892.5	14	2938.5
	30	2801.5		14	2847.5	30	2893.5	15	2939.5
	31	2802.5		15	2848.5	31	2894.5	16	2940.5
Aug.	1	2803.5		16	2849.5	Nov. 1	2895.5	17	2941.5
	2	2804.5		17	2850.5	2	2896.5	18	2942.5
	3	2805.5		18	2851.5	3	2897.5	19	2943.5
	4	2806.5		19	2852.5	4	2898.5	20	2944.5
	5	2807.5		20	2853.5	5	2899.5	21	2945.5
	6	2808.5		21	2854.5	6	2900.5	22	2946.5
	7	2809.5		22	2855.5	7	2901.5	23	2947.5
	8	2810.5		23	2856.5	8	2902.5	24	2948.5
	9	2811.5		24	2857.5	9	2903.5	25	2949.5
	10	2812.5		25	2858.5	10	2904.5	26	2950.5
	11	2813.5		26	2859.5	11	2905.5	27	2951.5
	12	2814.5		27	2860.5	12	2906.5	28	2952.5
	13	2815.5		28	2861.5	13	2907.5	29	2953.5
	14	2816.5		29	2862.5	14	2908.5	30	2954.5
	15	2817.5		30	2863.5	15	2909.5	31	2955.5

## JULIAN DAYS, 2086

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>248</b>		<b>248</b>		<b>248</b>		<b>248</b>
Jan.	0 2955.5	Feb.	15 3001.5	Apr.	2 3047.5	May	18 3093.5
	1 2956.5		16 3002.5		3 3048.5		19 3094.5
	2 2957.5		17 3003.5		4 3049.5		20 3095.5
	3 2958.5		18 3004.5		5 3050.5		21 3096.5
	4 2959.5		19 3005.5		6 3051.5		22 3097.5
	5 2960.5		20 3006.5		7 3052.5		23 3098.5
	6 2961.5		21 3007.5		8 3053.5		24 3099.5
	7 2962.5		22 3008.5		9 3054.5		25 3100.5
	8 2963.5		23 3009.5		10 3055.5		26 3101.5
	9 2964.5		24 3010.5		11 3056.5		27 3102.5
	10 2965.5		25 3011.5		12 3057.5		28 3103.5
	11 2966.5		26 3012.5		13 3058.5		29 3104.5
	12 2967.5		27 3013.5		14 3059.5		30 3105.5
	13 2968.5		28 3014.5		15 3060.5		31 3106.5
	14 2969.5	Mar.	1 3015.5		16 3061.5	June	1 3107.5
	15 2970.5		2 3016.5		17 3062.5		2 3108.5
	16 2971.5		3 3017.5		18 3063.5		3 3109.5
	17 2972.5		4 3018.5		19 3064.5		4 3110.5
	18 2973.5		5 3019.5		20 3065.5		5 3111.5
	19 2974.5		6 3020.5		21 3066.5		6 3112.5
	20 2975.5		7 3021.5		22 3067.5		7 3113.5
	21 2976.5		8 3022.5		23 3068.5		8 3114.5
	22 2977.5		9 3023.5		24 3069.5		9 3115.5
	23 2978.5		10 3024.5		25 3070.5		10 3116.5
	24 2979.5		11 3025.5		26 3071.5		11 3117.5
	25 2980.5		12 3026.5		27 3072.5		12 3118.5
	26 2981.5		13 3027.5		28 3073.5		13 3119.5
	27 2982.5		14 3028.5		29 3074.5		14 3120.5
	28 2983.5		15 3029.5		30 3075.5		15 3121.5
	29 2984.5		16 3030.5	May	1 3076.5		16 3122.5
	30 2985.5		17 3031.5		2 3077.5		17 3123.5
	31 2986.5		18 3032.5		3 3078.5		18 3124.5
Feb.	1 2987.5		19 3033.5		4 3079.5		19 3125.5
	2 2988.5		20 3034.5		5 3080.5		20 3126.5
	3 2989.5		21 3035.5		6 3081.5		21 3127.5
	4 2990.5		22 3036.5		7 3082.5		22 3128.5
	5 2991.5		23 3037.5		8 3083.5		23 3129.5
	6 2992.5		24 3038.5		9 3084.5		24 3130.5
	7 2993.5		25 3039.5		10 3085.5		25 3131.5
	8 2994.5		26 3040.5		11 3086.5		26 3132.5
	9 2995.5		27 3041.5		12 3087.5		27 3133.5
	10 2996.5		28 3042.5		13 3088.5		28 3134.5
	11 2997.5		29 3043.5		14 3089.5		29 3135.5
	12 2998.5		30 3044.5		15 3090.5		30 3136.5
	13 2999.5		31 3045.5		16 3091.5	July	1 3137.5
	14 3000.5	Apr.	1 3046.5		17 3092.5		2 3138.5

## JULIAN DAYS, 2086

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>248</b>		<b>248</b>		<b>248</b>		<b>248</b>
July	1 3137.5	Aug.	16 3183.5	Oct.	1 3229.5	Nov.	16 3275.5
	2 3138.5		17 3184.5		2 3230.5		17 3276.5
	3 3139.5		18 3185.5		3 3231.5		18 3277.5
	4 3140.5		19 3186.5		4 3232.5		19 3278.5
	5 3141.5		20 3187.5		5 3233.5		20 3279.5
	6 3142.5		21 3188.5		6 3234.5		21 3280.5
	7 3143.5		22 3189.5		7 3235.5		22 3281.5
	8 3144.5		23 3190.5		8 3236.5		23 3282.5
	9 3145.5		24 3191.5		9 3237.5		24 3283.5
	10 3146.5		25 3192.5		10 3238.5		25 3284.5
	11 3147.5		26 3193.5		11 3239.5		26 3285.5
	12 3148.5		27 3194.5		12 3240.5		27 3286.5
	13 3149.5		28 3195.5		13 3241.5		28 3287.5
	14 3150.5		29 3196.5		14 3242.5		29 3288.5
	15 3151.5		30 3197.5		15 3243.5		30 3289.5
	16 3152.5		31 3198.5		16 3244.5	Dec.	1 3290.5
	17 3153.5	Sept.	1 3199.5		17 3245.5		2 3291.5
	18 3154.5		2 3200.5		18 3246.5		3 3292.5
	19 3155.5		3 3201.5		19 3247.5		4 3293.5
	20 3156.5		4 3202.5		20 3248.5		5 3294.5
	21 3157.5		5 3203.5		21 3249.5		6 3295.5
	22 3158.5		6 3204.5		22 3250.5		7 3296.5
	23 3159.5		7 3205.5		23 3251.5		8 3297.5
	24 3160.5		8 3206.5		24 3252.5		9 3298.5
	25 3161.5		9 3207.5		25 3253.5		10 3299.5
	26 3162.5		10 3208.5		26 3254.5		11 3300.5
	27 3163.5		11 3209.5		27 3255.5		12 3301.5
	28 3164.5		12 3210.5		28 3256.5		13 3302.5
	29 3165.5		13 3211.5		29 3257.5		14 3303.5
	30 3166.5		14 3212.5		30 3258.5		15 3304.5
	31 3167.5		15 3213.5		31 3259.5		16 3305.5
Aug.	1 3168.5		16 3214.5	Nov.	1 3260.5		17 3306.5
	2 3169.5		17 3215.5		2 3261.5		18 3307.5
	3 3170.5		18 3216.5		3 3262.5		19 3308.5
	4 3171.5		19 3217.5		4 3263.5		20 3309.5
	5 3172.5		20 3218.5		5 3264.5		21 3310.5
	6 3173.5		21 3219.5		6 3265.5		22 3311.5
	7 3174.5		22 3220.5		7 3266.5		23 3312.5
	8 3175.5		23 3221.5		8 3267.5		24 3313.5
	9 3176.5		24 3222.5		9 3268.5		25 3314.5
	10 3177.5		25 3223.5		10 3269.5		26 3315.5
	11 3178.5		26 3224.5		11 3270.5		27 3316.5
	12 3179.5		27 3225.5		12 3271.5		28 3317.5
	13 3180.5		28 3226.5		13 3272.5		29 3318.5
	14 3181.5		29 3227.5		14 3273.5		30 3319.5
	15 3182.5		30 3228.5		15 3274.5		31 3320.5

## JULIAN DAYS, 2087

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>248</b>		<b>248</b>		<b>248</b>		<b>248</b>
Jan.	0 3320.5	Feb.	15 3366.5	Apr.	2 3412.5	May	18 3458.5
	1 3321.5		16 3367.5		3 3413.5		19 3459.5
	2 3322.5		17 3368.5		4 3414.5		20 3460.5
	3 3323.5		18 3369.5		5 3415.5		21 3461.5
	4 3324.5		19 3370.5		6 3416.5		22 3462.5
	5 3325.5		20 3371.5		7 3417.5		23 3463.5
	6 3326.5		21 3372.5		8 3418.5		24 3464.5
	7 3327.5		22 3373.5		9 3419.5		25 3465.5
	8 3328.5		23 3374.5		10 3420.5		26 3466.5
	9 3329.5		24 3375.5		11 3421.5		27 3467.5
	10 3330.5		25 3376.5		12 3422.5		28 3468.5
	11 3331.5		26 3377.5		13 3423.5		29 3469.5
	12 3332.5		27 3378.5		14 3424.5		30 3470.5
	13 3333.5		28 3379.5		15 3425.5		31 3471.5
	14 3334.5	Mar.	1 3380.5		16 3426.5	June	1 3472.5
	15 3335.5		2 3381.5		17 3427.5		2 3473.5
	16 3336.5		3 3382.5		18 3428.5		3 3474.5
	17 3337.5		4 3383.5		19 3429.5		4 3475.5
	18 3338.5		5 3384.5		20 3430.5		5 3476.5
	19 3339.5		6 3385.5		21 3431.5		6 3477.5
	20 3340.5		7 3386.5		22 3432.5		7 3478.5
	21 3341.5		8 3387.5		23 3433.5		8 3479.5
	22 3342.5		9 3388.5		24 3434.5		9 3480.5
	23 3343.5		10 3389.5		25 3435.5		10 3481.5
	24 3344.5		11 3390.5		26 3436.5		11 3482.5
	25 3345.5		12 3391.5		27 3437.5		12 3483.5
	26 3346.5		13 3392.5		28 3438.5		13 3484.5
	27 3347.5		14 3393.5		29 3439.5		14 3485.5
	28 3348.5		15 3394.5		30 3440.5		15 3486.5
	29 3349.5		16 3395.5	May	1 3441.5		16 3487.5
	30 3350.5		17 3396.5		2 3442.5		17 3488.5
	31 3351.5		18 3397.5		3 3443.5		18 3489.5
Feb.	1 3352.5		19 3398.5		4 3444.5		19 3490.5
	2 3353.5		20 3399.5		5 3445.5		20 3491.5
	3 3354.5		21 3400.5		6 3446.5		21 3492.5
	4 3355.5		22 3401.5		7 3447.5		22 3493.5
	5 3356.5		23 3402.5		8 3448.5		23 3494.5
	6 3357.5		24 3403.5		9 3449.5		24 3495.5
	7 3358.5		25 3404.5		10 3450.5		25 3496.5
	8 3359.5		26 3405.5		11 3451.5		26 3497.5
	9 3360.5		27 3406.5		12 3452.5		27 3498.5
	10 3361.5		28 3407.5		13 3453.5		28 3499.5
	11 3362.5		29 3408.5		14 3454.5		29 3500.5
	12 3363.5		30 3409.5		15 3455.5		30 3501.5
	13 3364.5		31 3410.5		16 3456.5	July	1 3502.5
	14 3365.5	Apr.	1 3411.5		17 3457.5		2 3503.5



## JULIAN DAYS, 2087

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>248</b>		<b>248</b>		<b>248</b>		<b>248</b>
July	1 3502.5	Aug.	16 3548.5	Oct.	1 3594.5	Nov.	16 3640.5
	2 3503.5		17 3549.5		2 3595.5		17 3641.5
	3 3504.5		18 3550.5		3 3596.5		18 3642.5
	4 3505.5		19 3551.5		4 3597.5		19 3643.5
	5 3506.5		20 3552.5		5 3598.5		20 3644.5
	6 3507.5		21 3553.5		6 3599.5		21 3645.5
	7 3508.5		22 3554.5		7 3600.5		22 3646.5
	8 3509.5		23 3555.5		8 3601.5		23 3647.5
	9 3510.5		24 3556.5		9 3602.5		24 3648.5
	10 3511.5		25 3557.5		10 3603.5		25 3649.5
	11 3512.5		26 3558.5		11 3604.5		26 3650.5
	12 3513.5		27 3559.5		12 3605.5		27 3651.5
	13 3514.5		28 3560.5		13 3606.5		28 3652.5
	14 3515.5		29 3561.5		14 3607.5		29 3653.5
	15 3516.5		30 3562.5		15 3608.5		30 3654.5
	16 3517.5		31 3563.5		16 3609.5	Dec.	1 3655.5
	17 3518.5	Sept.	1 3564.5		17 3610.5		2 3656.5
	18 3519.5		2 3565.5		18 3611.5		3 3657.5
	19 3520.5		3 3566.5		19 3612.5		4 3658.5
	20 3521.5		4 3567.5		20 3613.5		5 3659.5
	21 3522.5		5 3568.5		21 3614.5		6 3660.5
	22 3523.5		6 3569.5		22 3615.5		7 3661.5
	23 3524.5		7 3570.5		23 3616.5		8 3662.5
	24 3525.5		8 3571.5		24 3617.5		9 3663.5
	25 3526.5		9 3572.5		25 3618.5		10 3664.5
	26 3527.5		10 3573.5		26 3619.5		11 3665.5
	27 3528.5		11 3574.5		27 3620.5		12 3666.5
	28 3529.5		12 3575.5		28 3621.5		13 3667.5
	29 3530.5		13 3576.5		29 3622.5		14 3668.5
	30 3531.5		14 3577.5		30 3623.5		15 3669.5
	31 3532.5		15 3578.5		31 3624.5		16 3670.5
Aug.	1 3533.5		16 3579.5	Nov.	1 3625.5		17 3671.5
	2 3534.5		17 3580.5		2 3626.5		18 3672.5
	3 3535.5		18 3581.5		3 3627.5		19 3673.5
	4 3536.5		19 3582.5		4 3628.5		20 3674.5
	5 3537.5		20 3583.5		5 3629.5		21 3675.5
	6 3538.5		21 3584.5		6 3630.5		22 3676.5
	7 3539.5		22 3585.5		7 3631.5		23 3677.5
	8 3540.5		23 3586.5		8 3632.5		24 3678.5
	9 3541.5		24 3587.5		9 3633.5		25 3679.5
	10 3542.5		25 3588.5		10 3634.5		26 3680.5
	11 3543.5		26 3589.5		11 3635.5		27 3681.5
	12 3544.5		27 3590.5		12 3636.5		28 3682.5
	13 3545.5		28 3591.5		13 3637.5		29 3683.5
	14 3546.5		29 3592.5		14 3638.5		30 3684.5
	15 3547.5		30 3593.5		15 3639.5		31 3685.5

## JULIAN DAYS, 2088

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>248</b>		<b>248</b>		<b>248</b>		<b>248</b>
Jan.	0 3685.5	Feb.	15 3731.5	Apr.	1 3777.5	May	17 3823.5
	1 3686.5		16 3732.5		2 3778.5		18 3824.5
	2 3687.5		17 3733.5		3 3779.5		10 3825.5
	3 3688.5		18 3734.5		4 3780.5		20 3826.5
	4 3689.5		19 3735.5		5 3781.5		21 3827.5
	5 3690.5		20 3736.5		6 3782.5		22 3828.5
	6 3691.5		21 3737.5		7 3783.5		23 3829.5
	7 3692.5		22 3738.5		8 3784.5		24 3830.5
	8 3693.5		23 3739.5		9 3785.5		25 3831.5
	9 3694.5		24 3740.5		10 3786.5		26 3832.5
	10 3695.5		25 3741.5		11 3787.5		27 3833.5
	11 3696.5		26 3742.5		12 3788.5		28 3834.5
	12 3697.5		27 3743.5		13 3789.5		29 3835.5
	13 3698.5		28 3744.5		14 3790.5		30 3836.5
	14 3699.5		29 3745.5		15 3791.5		31 3837.5
	15 3700.5	Mar.	1 3746.5		16 3792.5	June	1 3838.5
	16 3701.5		2 3747.5		17 3793.5		2 3839.5
	17 3702.5		3 3748.5		18 3794.5		3 3840.5
	18 3703.5		4 3749.5		19 3795.5		4 3841.5
	19 3704.5		5 3750.5		20 3796.5		5 3842.5
	20 3705.5		6 3751.5		21 3797.5		6 3843.5
	21 3706.5		7 3752.5		22 3798.5		7 3844.5
	22 3707.5		8 3753.5		23 3799.5		8 3845.5
	23 3708.5		9 3754.5		24 3800.5		9 3846.5
	24 3709.5		10 3755.5		25 3801.5		10 3847.5
	25 3710.5		11 3756.5		26 3802.5		11 3848.5
	26 3711.5		12 3757.5		27 3803.5		12 3849.5
	27 3712.5		13 3758.5		28 3804.5		13 3850.5
	28 3713.5		14 3759.5		29 3805.5		14 3851.5
	29 3714.5		15 3760.5		30 3806.5		15 3852.5
	30 3715.5		16 3761.5	May	1 3807.5		16 3853.5
	31 3716.5		17 3762.5		2 3808.5		17 3854.5
Feb.	1 3717.5		18 3763.5		3 3809.5		18 3855.5
	2 3718.5		19 3764.5		4 3810.5		19 3856.5
	3 3719.5		20 3765.5		5 3811.5		20 3857.5
	4 3720.5		21 3766.5		6 3812.5		21 3858.5
	5 3721.5		22 3767.5		7 3813.5		22 3859.5
	6 3722.5		23 3768.5		8 3814.5		23 3860.5
	7 3723.5		24 3769.5		9 3815.5		24 3861.5
	8 3724.5		25 3770.5		10 3816.5		25 3862.5
	9 3725.5		26 3771.5		11 3817.5		26 3863.5
	10 3726.5		27 3772.5		12 3818.5		27 3864.5
	11 3727.5		28 3773.5		13 3819.5		28 3865.5
	12 3728.5		29 3774.5		14 3820.5		29 3866.5
	13 3729.5		30 3775.5		15 3821.5		30 3867.5
	14 3730.5		31 3776.5		16 3822.5	July	1 3868.5

## JULIAN DAYS, 2088

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>248</b>		<b>248</b>		<b>248</b>		<b>248</b>
July	1 3868.5	Aug.	16 3914.5	Oct.	1 3960.5	Nov.	16 4006.5
	2 3869.5		17 3915.5		2 3961.5		17 4007.5
	3 3870.5		18 3916.5		3 3962.5		18 4008.5
	4 3871.5		19 3917.5		4 3963.5		19 4009.5
	5 3872.5		20 3918.5		5 3964.5		20 4010.5
	6 3873.5		21 3919.5		6 3965.5		21 4011.5
	7 3874.5		22 3920.5		7 3966.5		22 4012.5
	8 3875.5		23 3921.5		8 3967.5		23 4013.5
	9 3876.5		24 3922.5		9 3968.5		24 4014.5
	10 3877.5		25 3923.5		10 3969.5		25 4015.5
	11 3878.5		26 3924.5		11 3970.5		26 4016.5
	12 3879.5		27 3925.5		12 3971.5		27 4017.5
	13 3880.5		28 3926.5		13 3972.5		28 4018.5
	14 3881.5		29 3927.5		14 3973.5		29 4019.5
	15 3882.5		30 3928.5		15 3974.5		30 4020.5
	16 3883.5		31 3929.5		16 3975.5	Dec.	1 4021.5
	17 3884.5	Sept.	1 3930.5		17 3976.5		2 4022.5
	18 3885.5		2 3931.5		18 3977.5		3 4023.5
	19 3886.5		3 3932.5		19 3978.5		4 4024.5
	20 3887.5		4 3933.5		20 3979.5		5 4025.5
	21 3888.5		5 3934.5		21 3980.5		6 4026.5
	22 3889.5		6 3935.5		22 3981.5		7 4027.5
	23 3890.5		7 3936.5		23 3982.5		8 4028.5
	24 3891.5		8 3937.5		24 3983.5		9 4029.5
	25 3892.5		9 3938.5		25 3984.5		10 4030.5
	26 3893.5		10 3939.5		26 3985.5		11 4031.5
	27 3894.5		11 3940.5		27 3986.5		12 4032.5
	28 3895.5		12 3941.5		28 3987.5		13 4033.5
	29 3896.5		13 3942.5		29 3988.5		14 4034.5
	30 3897.5		14 3943.5		30 3989.5		15 4035.5
	31 3898.5		15 3944.5		31 3990.5		16 4036.5
Aug.	1 3899.5		16 3945.5	Nov.	1 3991.5		17 4037.5
	2 3900.5		17 3946.5		2 3992.5		18 4038.5
	3 3901.5		18 3947.5		3 3993.5		19 4039.5
	4 3902.5		19 3948.5		4 3994.5		20 4040.5
	5 3903.5		20 3949.5		5 3995.5		21 4041.5
	6 3904.5		21 3950.5		6 3996.5		22 4042.5
	7 3905.5		22 3951.5		7 3997.5		23 4043.5
	8 3906.5		23 3952.5		8 3998.5		24 4044.5
	9 3907.5		24 3953.5		9 3999.5		25 4045.5
	10 3908.5		25 3954.5		10 4000.5		26 4046.5
	11 3909.5		26 3955.5		11 4001.5		27 4047.5
	12 3910.5		27 3956.5		12 4002.5		28 4048.5
	13 3911.5		28 3957.5		13 4003.5		29 4049.5
	14 3912.5		29 3958.5		14 4004.5		30 4050.5
	15 3913.5		30 3959.5		15 4005.5		31 4051.5

## JULIAN DAYS, 2089

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>248</b>		<b>248</b>		<b>248</b>		<b>248</b>
Jan.	0 4051.5	Feb.	15 4097.5	Apr.	2 4143.5	May	18 4189.5
	1 4052.5		16 4098.5		3 4144.5		19 4190.5
	2 4053.5		17 4099.5		4 4145.5		20 4191.5
	3 4054.5		18 4100.5		5 4146.5		21 4192.5
	4 4055.5		19 4101.5		6 4147.5		22 4193.5
	5 4056.5		20 4102.5		7 4148.5		23 4194.5
	6 4057.5		21 4103.5		8 4149.5		24 4195.5
	7 4058.5		22 4104.5		9 4150.5		25 4196.5
	8 4059.5		23 4105.5		10 4151.5		26 4197.5
	9 4060.5		24 4106.5		11 4152.5		27 4198.5
	10 4061.5		25 4107.5		12 4153.5		28 4199.5
	11 4062.5		26 4108.5		13 4154.5		29 4200.5
	12 4063.5		27 4109.5		14 4155.5		30 4201.5
	13 4064.5		28 4110.5		15 4156.5		31 4202.5
	14 4065.5	Mar.	1 4111.5		16 4157.5	June	1 4203.5
	15 4066.5		2 4112.5		17 4158.5		2 4204.5
	16 4067.5		3 4113.5		18 4159.5		3 4205.5
	17 4068.5		4 4114.5		19 4160.5		4 4206.5
	18 4069.5		5 4115.5		20 4161.5		5 4207.5
	19 4070.5		6 4116.5		21 4162.5		6 4208.5
	20 4071.5		7 4117.5		22 4163.5		7 4209.5
	21 4072.5		8 4118.5		23 4164.5		8 4210.5
	22 4073.5		9 4119.5		24 4165.5		9 4211.5
	23 4074.5		10 4120.5		25 4166.5		10 4212.5
	24 4075.5		11 4121.5		26 4167.5		11 4213.5
	25 4076.5		12 4122.5		27 4168.5		12 4214.5
	26 4077.5		13 4123.5		28 4169.5		13 4215.5
	27 4078.5		14 4124.5		29 4170.5		14 4216.5
	28 4079.5		15 4125.5		30 4171.5		15 4217.5
	29 4080.5		16 4126.5	May	1 4172.5		16 4218.5
	30 4081.5		17 4127.5		2 4173.5		17 4219.5
	31 4082.5		18 4128.5		3 4174.5		18 4220.5
Feb.	1 4083.5		19 4129.5		4 4175.5		19 4221.5
	2 4084.5		20 4130.5		5 4176.5		20 4222.5
	3 4085.5		21 4131.5		6 4177.5		21 4223.5
	4 4086.5		22 4132.5		7 4178.5		22 4224.5
	5 4087.5		23 4133.5		8 4179.5		23 4225.5
	6 4088.5		24 4134.5		9 4180.5		24 4226.5
	7 4089.5		25 4135.5		10 4181.5		25 4227.5
	8 4090.5		26 4136.5		11 4182.5		26 4228.5
	9 4091.5		27 4137.5		12 4183.5		27 4229.5
	10 4092.5		28 4138.5		13 4184.5		28 4230.5
	11 4093.5		29 4139.5		14 4185.5		29 4231.5
	12 4094.5		30 4140.5		15 4186.5		30 4232.5
	13 4095.5		31 4141.5		16 4187.5	July	1 4233.5
	14 4096.5	Apr.	1 4142.5		17 4188.5		2 4234.5

## JULIAN DAYS, 2089

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>248</b>		<b>248</b>		<b>248</b>		<b>248</b>
July	1 4233.5	Aug.	16 4279.5	Oct.	1 4325.5	Nov.	16 4371.5
	2 4234.5		17 4280.5		2 4326.5		17 4372.5
	3 4235.5		18 4281.5		3 4327.5		18 4373.5
	4 4236.5		19 4282.5		4 4328.5		19 4374.5
	5 4237.5		20 4283.5		5 4329.5		20 4375.5
	6 4238.5		21 4284.5		6 4330.5		21 4376.5
	7 4239.5		22 4285.5		7 4331.5		22 4377.5
	8 4240.5		23 4286.5		8 4332.5		23 4378.5
	9 4241.5		24 4287.5		9 4333.5		24 4379.5
	10 4242.5		25 4288.5		10 4334.5		25 4380.5
	11 4243.5		26 4289.5		11 4335.5		26 4381.5
	12 4244.5		27 4290.5		12 4336.5		27 4382.5
	13 4245.5		28 4291.5		13 4337.5		28 4383.5
	14 4246.5		29 4292.5		14 4338.5		29 4384.5
	15 4247.5		30 4293.5		15 4339.5		30 4385.5
	16 4248.5		31 4294.5		16 4340.5	Dec.	1 4386.5
	17 4249.5	Sept.	1 4295.5		17 4341.5		2 4387.5
	18 4250.5		2 4296.5		18 4342.5		3 4388.5
	19 4251.5		3 4297.5		19 4343.5		4 4389.5
	20 4252.5		4 4298.5		20 4344.5		5 4390.5
	21 4253.5		5 4299.5		21 4345.5		6 4391.5
	22 4254.5		6 4300.5		22 4346.5		7 4392.5
	23 4255.5		7 4301.5		23 4347.5		8 4393.5
	24 4256.5		8 4302.5		24 4348.5		9 4394.5
	25 4257.5		9 4303.5		25 4349.5		10 4395.5
	26 4258.5		10 4304.5		26 4350.5		11 4396.5
	27 4259.5		11 4305.5		27 4351.5		12 4397.5
	28 4260.5		12 4306.5		28 4352.5		13 4398.5
	29 4261.5		13 4307.5		29 4353.5		14 4399.5
	30 4262.5		14 4308.5		30 4354.5		15 4400.5
	31 4263.5		15 4309.5		31 4355.5		16 4401.5
Aug.	1 4264.5		16 4310.5	Nov.	1 4356.5		17 4402.5
	2 4265.5		17 4311.5		2 4357.5		18 4403.5
	3 4266.5		18 4312.5		3 4358.5		19 4404.5
	4 4267.5		19 4313.5		4 4359.5		20 4405.5
	5 4268.5		20 4314.5		5 4360.5		21 4406.5
	6 4269.5		21 4315.5		6 4361.5		22 4407.5
	7 4270.5		22 4316.5		7 4362.5		23 4408.5
	8 4271.5		23 4317.5		8 4363.5		24 4409.5
	9 4272.5		24 4318.5		9 4364.5		25 4410.5
	10 4273.5		25 4319.5		10 4365.5		26 4411.5
	11 4274.5		26 4320.5		11 4366.5		27 4412.5
	12 4275.5		27 4321.5		12 4367.5		28 4413.5
	13 4276.5		28 4322.5		13 4368.5		29 4414.5
	14 4277.5		29 4323.5		14 4369.5		30 4415.5
	15 4278.5		30 4324.5		15 4370.5		31 4416.5

## JULIAN DAYS, 2090

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>248</b>		<b>248</b>		<b>248</b>		<b>248</b>
Jan.	0 4416.5	Feb.	15 4462.5	Apr.	2 4508.5	May	18 4554.5
	1 4417.5		16 4463.5		3 4509.5		19 4555.5
	2 4418.5		17 4464.5		4 4510.5		20 4556.5
	3 4419.5		18 4465.5		5 4511.5		21 4557.5
	4 4420.5		19 4466.5		6 4512.5		22 4558.5
	5 4421.5		20 4467.5		7 4513.5		23 4559.5
	6 4422.5		21 4468.5		8 4514.5		24 4560.5
	7 4423.5		22 4469.5		9 4515.5		25 4561.5
	8 4424.5		23 4470.5		10 4516.5		26 4562.5
	9 4425.5		24 4471.5		11 4517.5		27 4563.5
	10 4426.5		25 4472.5		12 4518.5		28 4564.5
	11 4427.5		26 4473.5		13 4519.5		29 4565.5
	12 4428.5		27 4474.5		14 4520.5		30 4566.5
	13 4429.5		28 4475.5		15 4521.5		31 4567.5
	14 4430.5	Mar.	1 4476.5		16 4522.5	June	1 4568.5
	15 4431.5		2 4477.5		17 4523.5		2 4569.5
	16 4432.5		3 4478.5		18 4524.5		3 4570.5
	17 4433.5		4 4479.5		19 4525.5		4 4571.5
	18 4434.5		5 4480.5		20 4526.5		5 4572.5
	19 4435.5		6 4481.5		21 4527.5		6 4573.5
	20 4436.5		7 4482.5		22 4528.5		7 4574.5
	21 4437.5		8 4483.5		23 4529.5		8 4575.5
	22 4438.5		9 4484.5		24 4530.5		9 4576.5
	23 4439.5		10 4485.5		25 4531.5		10 4577.5
	24 4440.5		11 4486.5		26 4532.5		11 4578.5
	25 4441.5		12 4487.5		27 4533.5		12 4579.5
	26 4442.5		13 4488.5		28 4534.5		13 4580.5
	27 4443.5		14 4489.5		29 4535.5		14 4581.5
	28 4444.5		15 4490.5		30 4536.5		15 4582.5
	29 4445.5		16 4491.5	May	1 4537.5		16 4583.5
	30 4446.5		17 4492.5		2 4538.5		17 4584.5
	31 4447.5		18 4493.5		3 4539.5		18 4585.5
Feb.	1 4448.5		19 4494.5		4 4540.5		19 4586.5
	2 4449.5		20 4495.5		5 4541.5		20 4587.5
	3 4450.5		21 4496.5		6 4542.5		21 4588.5
	4 4451.5		22 4497.5		7 4543.5		22 4589.5
	5 4452.5		23 4498.5		8 4544.5		23 4590.5
	6 4453.5		24 4499.5		9 4545.5		24 4591.5
	7 4454.5		25 4500.5		10 4546.5		25 4592.5
	8 4455.5		26 4501.5		11 4547.5		26 4593.5
	9 4456.5		27 4502.5		12 4548.5		27 4594.5
	10 4457.5		28 4503.5		13 4549.5		28 4595.5
	11 4458.5		29 4504.5		14 4550.5		29 4596.5
	12 4459.5		30 4505.5		15 4551.5		30 4597.5
	13 4460.5		31 4506.5		16 4552.5	July	1 4598.5
	14 4461.5	Apr.	1 4507.5		17 4553.5		2 4599.5

## JULIAN DAYS, 2090

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>248</b>		<b>248</b>		<b>248</b>		<b>248</b>
July	1 <b>4598.5</b>	Aug.	16 <b>4644.5</b>	Oct.	1 <b>4690.5</b>	Nov.	16 <b>4736.5</b>
	2 <b>4599.5</b>		17 <b>4645.5</b>		2 <b>4691.5</b>		17 <b>4737.5</b>
	3 <b>4600.5</b>		18 <b>4646.5</b>		3 <b>4692.5</b>		18 <b>4738.5</b>
	4 <b>4601.5</b>		19 <b>4647.5</b>		4 <b>4693.5</b>		19 <b>4739.5</b>
	5 <b>4602.5</b>		20 <b>4648.5</b>		5 <b>4694.5</b>		20 <b>4740.5</b>
	6 <b>4603.5</b>		21 <b>4649.5</b>		6 <b>4695.5</b>		21 <b>4741.5</b>
	7 <b>4604.5</b>		22 <b>4650.5</b>		7 <b>4696.5</b>		22 <b>4742.5</b>
	8 <b>4605.5</b>		23 <b>4651.5</b>		8 <b>4697.5</b>		23 <b>4743.5</b>
	9 <b>4606.5</b>		24 <b>4652.5</b>		9 <b>4698.5</b>		24 <b>4744.5</b>
	10 <b>4607.5</b>		25 <b>4653.5</b>		10 <b>4699.5</b>		25 <b>4745.5</b>
	11 <b>4608.5</b>		26 <b>4654.5</b>		11 <b>4700.5</b>		26 <b>4746.5</b>
	12 <b>4609.5</b>		27 <b>4655.5</b>		12 <b>4701.5</b>		27 <b>4747.5</b>
	13 <b>4610.5</b>		28 <b>4656.5</b>		13 <b>4702.5</b>		28 <b>4748.5</b>
	14 <b>4611.5</b>		29 <b>4657.5</b>		14 <b>4703.5</b>		29 <b>4749.5</b>
	15 <b>4612.5</b>		30 <b>4658.5</b>		15 <b>4704.5</b>		30 <b>4750.5</b>
	16 <b>4613.5</b>		31 <b>4659.5</b>		16 <b>4705.5</b>	Dec.	1 <b>4751.5</b>
	17 <b>4614.5</b>	Sept.	1 <b>4660.5</b>		17 <b>4706.5</b>		2 <b>4752.5</b>
	18 <b>4615.5</b>		2 <b>4661.5</b>		18 <b>4707.5</b>		3 <b>4753.5</b>
	19 <b>4616.5</b>		3 <b>4662.5</b>		19 <b>4708.5</b>		4 <b>4754.5</b>
	20 <b>4617.5</b>		4 <b>4663.5</b>		20 <b>4709.5</b>		5 <b>4755.5</b>
	21 <b>4618.5</b>		5 <b>4664.5</b>		21 <b>4710.5</b>		6 <b>4756.5</b>
	22 <b>4619.5</b>		6 <b>4665.5</b>		22 <b>4711.5</b>		7 <b>4757.5</b>
	23 <b>4620.5</b>		7 <b>4666.5</b>		23 <b>4712.5</b>		8 <b>4758.5</b>
	24 <b>4621.5</b>		8 <b>4667.5</b>		24 <b>4713.5</b>		9 <b>4759.5</b>
	25 <b>4622.5</b>		9 <b>4668.5</b>		25 <b>4714.5</b>		10 <b>4760.5</b>
	26 <b>4623.5</b>		10 <b>4669.5</b>		26 <b>4715.5</b>		11 <b>4761.5</b>
	27 <b>4624.5</b>		11 <b>4670.5</b>		27 <b>4716.5</b>		12 <b>4762.5</b>
	28 <b>4625.5</b>		12 <b>4671.5</b>		28 <b>4717.5</b>		13 <b>4763.5</b>
	29 <b>4626.5</b>		13 <b>4672.5</b>		29 <b>4718.5</b>		14 <b>4764.5</b>
	30 <b>4627.5</b>		14 <b>4673.5</b>		30 <b>4719.5</b>		15 <b>4765.5</b>
	31 <b>4628.5</b>		15 <b>4674.5</b>		31 <b>4720.5</b>		16 <b>4766.5</b>
Aug.	1 <b>4629.5</b>		16 <b>4675.5</b>	Nov.	1 <b>4721.5</b>		17 <b>4767.5</b>
	2 <b>4630.5</b>		17 <b>4676.5</b>		2 <b>4722.5</b>		18 <b>4768.5</b>
	3 <b>4631.5</b>		18 <b>4677.5</b>		3 <b>4723.5</b>		19 <b>4769.5</b>
	4 <b>4632.5</b>		19 <b>4678.5</b>		4 <b>4724.5</b>		20 <b>4770.5</b>
	5 <b>4633.5</b>		20 <b>4679.5</b>		5 <b>4725.5</b>		21 <b>4771.5</b>
	6 <b>4634.5</b>		21 <b>4680.5</b>		6 <b>4726.5</b>		22 <b>4772.5</b>
	7 <b>4635.5</b>		22 <b>4681.5</b>		7 <b>4727.5</b>		23 <b>4773.5</b>
	8 <b>4636.5</b>		23 <b>4682.5</b>		8 <b>4728.5</b>		24 <b>4774.5</b>
	9 <b>4637.5</b>		24 <b>4683.5</b>		9 <b>4729.5</b>		25 <b>4775.5</b>
	10 <b>4638.5</b>		25 <b>4684.5</b>		10 <b>4730.5</b>		26 <b>4776.5</b>
	11 <b>4639.5</b>		26 <b>4685.5</b>		11 <b>4731.5</b>		27 <b>4777.5</b>
	12 <b>4640.5</b>		27 <b>4686.5</b>		12 <b>4732.5</b>		28 <b>4778.5</b>
	13 <b>4641.5</b>		28 <b>4687.5</b>		13 <b>4733.5</b>		29 <b>4779.5</b>
	14 <b>4642.5</b>		29 <b>4688.5</b>		14 <b>4734.5</b>		30 <b>4780.5</b>
	15 <b>4643.5</b>		30 <b>4689.5</b>		15 <b>4735.5</b>		31 <b>4781.5</b>

## JULIAN DAYS, 2091

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>248</b>		<b>248</b>		<b>248</b>		<b>248</b>
Jan.	0 4781.5	Feb.	15 4827.5	Apr.	2 4873.5	May	18 4919.5
	1 4782.5		16 4828.5		3 4874.5		19 4920.5
	2 4783.5		17 4829.5		4 4875.5		20 4921.5
	3 4784.5		18 4830.5		5 4876.5		21 4922.5
	4 4785.5		19 4831.5		6 4877.5		22 4923.5
	5 4786.5		20 4832.5		7 4878.5		23 4924.5
	6 4787.5		21 4833.5		8 4879.5		24 4925.5
	7 4788.5		22 4834.5		9 4880.5		25 4926.5
	8 4789.5		23 4835.5		10 4881.5		26 4927.5
	9 4790.5		24 4836.5		11 4882.5		27 4928.5
	10 4791.5		25 4837.5		12 4883.5		28 4929.5
	11 4792.5		26 4838.5		13 4884.5		29 4930.5
	12 4793.5		27 4839.5		14 4885.5		30 4931.5
	13 4794.5		28 4840.5		15 4886.5		31 4932.5
	14 4795.5	Mar.	1 4841.5		16 4887.5	June	1 4933.5
	15 4796.5		2 4842.5		17 4888.5		2 4934.5
	16 4797.5		3 4843.5		18 4889.5		3 4935.5
	17 4798.5		4 4844.5		19 4890.5		4 4936.5
	18 4799.5		5 4845.5		20 4891.5		5 4937.5
	19 4800.5		6 4846.5		21 4892.5		6 4938.5
	20 4801.5		7 4847.5		22 4893.5		7 4939.5
	21 4802.5		8 4848.5		23 4894.5		8 4940.5
	22 4803.5		9 4849.5		24 4895.5		9 4941.5
	23 4804.5		10 4850.5		25 4896.5		10 4942.5
	24 4805.5		11 4851.5		26 4897.5		11 4943.5
	25 4806.5		12 4852.5		27 4898.5		12 4944.5
	26 4807.5		13 4853.5		28 4899.5		13 4945.5
	27 4808.5		14 4854.5		29 4900.5		14 4946.5
	28 4809.5		15 4855.5		30 4901.5		15 4947.5
	29 4810.5		16 4856.5	May	1 4902.5		16 4948.5
	30 4811.5		17 4857.5		2 4903.5		17 4949.5
	31 4812.5		18 4858.5		3 4904.5		18 4950.5
Feb.	1 4813.5		19 4859.5		4 4905.5		19 4951.5
	2 4814.5		20 4860.5		5 4906.5		20 4952.5
	3 4815.5		21 4861.5		6 4907.5		21 4953.5
	4 4816.5		22 4862.5		7 4908.5		22 4954.5
	5 4817.5		23 4863.5		8 4909.5		23 4955.5
	6 4818.5		24 4864.5		9 4910.5		24 4956.5
	7 4819.5		25 4865.5		10 4911.5		25 4957.5
	8 4820.5		26 4866.5		11 4912.5		26 4958.5
	9 4821.5		27 4867.5		12 4913.5		27 4959.5
	10 4822.5		28 4868.5		13 4914.5		28 4960.5
	11 4823.5		29 4869.5		14 4915.5		29 4961.5
	12 4824.5		30 4870.5		15 4916.5		30 4962.5
	13 4825.5		31 4871.5		16 4917.5	July	1 4963.5
	14 4826.5	Apr.	1 4872.5		17 4918.5		2 4964.5



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Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>248</b>		<b>248</b>		<b>248</b>		<b>248</b>
July	1 4963.5	Aug.	16 5009.5	Oct.	1 5055.5	Nov.	16 5101.5
	2 4964.5		17 5010.5		2 5056.5		17 5102.5
	3 4965.5		18 5011.5		3 5057.5		18 5103.5
	4 4966.5		19 5012.5		4 5058.5		19 5104.5
	5 4967.5		20 5013.5		5 5059.5		20 5105.5
	6 4968.5		21 5014.5		6 5060.5		21 5106.5
	7 4969.5		22 5015.5		7 5061.5		22 5107.5
	8 4970.5		23 5016.5		8 5062.5		23 5108.5
	9 4971.5		24 5017.5		9 5063.5		24 5109.5
	10 4972.5		25 5018.5		10 5064.5		25 5110.5
	11 4973.5		26 5019.5		11 5065.5		26 5111.5
	12 4974.5		27 5020.5		12 5066.5		27 5112.5
	13 4975.5		28 5021.5		13 5067.5		28 5113.5
	14 4976.5		29 5022.5		14 5068.5		29 5114.5
	15 4977.5		30 5023.5		15 5069.5		30 5115.5
	16 4978.5		31 5024.5		16 5070.5	Dec.	1 5116.5
	17 4979.5	Sept.	1 5025.5		17 5071.5		2 5117.5
	18 4980.5		2 5026.5		18 5072.5		3 5118.5
	19 4981.5		3 5027.5		19 5073.5		4 5119.5
	20 4982.5		4 5028.5		20 5074.5		5 5120.5
	21 4983.5		5 5029.5		21 5075.5		6 5121.5
	22 4984.5		6 5030.5		22 5076.5		7 5122.5
	23 4985.5		7 5031.5		23 5077.5		8 5123.5
	24 4986.5		8 5032.5		24 5078.5		9 5124.5
	25 4987.5		9 5033.5		25 5079.5		10 5125.5
	26 4988.5		10 5034.5		26 5080.5		11 5126.5
	27 4989.5		11 5035.5		27 5081.5		12 5127.5
	28 4990.5		12 5036.5		28 5082.5		13 5128.5
	29 4991.5		13 5037.5		29 5083.5		14 5129.5
	30 4992.5		14 5038.5		30 5084.5		15 5130.5
	31 4993.5		15 5039.5		31 5085.5		16 5131.5
Aug.	1 4994.5		16 5040.5	Nov.	1 5086.5		17 5132.5
	2 4995.5		17 5041.5		2 5087.5		18 5133.5
	3 4996.5		18 5042.5		3 5088.5		19 5134.5
	4 4997.5		19 5043.5		4 5089.5		20 5135.5
	5 4998.5		20 5044.5		5 5090.5		21 5136.5
	6 4999.5		21 5045.5		6 5091.5		22 5137.5
	7 5000.5		22 5046.5		7 5092.5		23 5138.5
	8 5001.5		23 5047.5		8 5093.5		24 5139.5
	9 5002.5		24 5048.5		9 5094.5		25 5140.5
	10 5003.5		25 5049.5		10 5095.5		26 5141.5
	11 5004.5		26 5050.5		11 5096.5		27 5142.5
	12 5005.5		27 5051.5		12 5097.5		28 5143.5
	13 5006.5		28 5052.5		13 5098.5		29 5144.5
	14 5007.5		29 5053.5		14 5099.5		30 5145.5
	15 5008.5		30 5054.5		15 5100.5		31 5146.5

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Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>248</b>		<b>248</b>		<b>248</b>		<b>248</b>
Jan.	0 5146.5	Feb.	15 5192.5	Apr.	1 5238.5	May	17 5284.5
	1 5147.5		16 5193.5		2 5239.5		18 5285.5
	2 5148.5		17 5194.5		3 5240.5		10 5286.5
	3 5149.5		18 5195.5		4 5241.5		20 5287.5
	4 5150.5		19 5196.5		5 5242.5		21 5288.5
	5 5151.5		20 5197.5		6 5243.5		22 5289.5
	6 5152.5		21 5198.5		7 5244.5		23 5290.5
	7 5153.5		22 5199.5		8 5245.5		24 5291.5
	8 5154.5		23 5200.5		9 5246.5		25 5292.5
	9 5155.5		24 5201.5		10 5247.5		26 5293.5
	10 5156.5		25 5202.5		11 5248.5		27 5294.5
	11 5157.5		26 5203.5		12 5249.5		28 5295.5
	12 5158.5		27 5204.5		13 5250.5		29 5296.5
	13 5159.5		28 5205.5		14 5251.5		30 5297.5
	14 5160.5		29 5206.5		15 5252.5		31 5298.5
	15 5161.5	Mar.	1 5207.5		16 5253.5	June	1 5299.5
	16 5162.5		2 5208.5		17 5254.5		2 5300.5
	17 5163.5		3 5209.5		18 5255.5		3 5301.5
	18 5164.5		4 5210.5		19 5256.5		4 5302.5
	19 5165.5		5 5211.5		20 5257.5		5 5303.5
	20 5166.5		6 5212.5		21 5258.5		6 5304.5
	21 5167.5		7 5213.5		22 5259.5		7 5305.5
	22 5168.5		8 5214.5		23 5260.5		8 5306.5
	23 5169.5		9 5215.5		24 5261.5		9 5307.5
	24 5170.5		10 5216.5		25 5262.5		10 5308.5
	25 5171.5		11 5217.5		26 5263.5		11 5309.5
	26 5172.5		12 5218.5		27 5264.5		12 5310.5
	27 5173.5		13 5219.5		28 5265.5		13 5311.5
	28 5174.5		14 5220.5		29 5266.5		14 5312.5
	29 5175.5		15 5221.5		30 5267.5		15 5313.5
	30 5176.5		16 5222.5	May	1 5268.5		16 5314.5
	31 5177.5		17 5223.5		2 5269.5		17 5315.5
Feb.	1 5178.5		18 5224.5		3 5270.5		18 5316.5
	2 5179.5		19 5225.5		4 5271.5		19 5317.5
	3 5180.5		20 5226.5		5 5272.5		20 5318.5
	4 5181.5		21 5227.5		6 5273.5		21 5319.5
	5 5182.5		22 5228.5		7 5274.5		22 5320.5
	6 5183.5		23 5229.5		8 5275.5		23 5321.5
	7 5184.5		24 5230.5		9 5276.5		24 5322.5
	8 5185.5		25 5231.5		10 5277.5		25 5323.5
	9 5186.5		26 5232.5		11 5278.5		26 5324.5
	10 5187.5		27 5233.5		12 5279.5		27 5325.5
	11 5188.5		28 5234.5		13 5280.5		28 5326.5
	12 5189.5		29 5235.5		14 5281.5		29 5327.5
	13 5190.5		30 5236.5		15 5282.5		30 5328.5
	14 5191.5		31 5237.5		16 5283.5	July	1 5329.5

## JULIAN DAYS, 2092

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>248</b>		<b>248</b>		<b>248</b>		<b>248</b>
July	1 5329.5	Aug.	16 5375.5	Oct.	1 5421.5	Nov.	16 5467.5
	2 5330.5		17 5376.5		2 5422.5		17 5468.5
	3 5331.5		18 5377.5		3 5423.5		18 5469.5
	4 5332.5		19 5378.5		4 5424.5		19 5470.5
	5 5333.5		20 5379.5		5 5425.5		20 5471.5
	6 5334.5		21 5380.5		6 5426.5		21 5472.5
	7 5335.5		22 5381.5		7 5427.5		22 5473.5
	8 5336.5		23 5382.5		8 5428.5		23 5474.5
	9 5337.5		24 5383.5		9 5429.5		24 5475.5
	10 5338.5		25 5384.5		10 5430.5		25 5476.5
	11 5339.5		26 5385.5		11 5431.5		26 5477.5
	12 5340.5		27 5386.5		12 5432.5		27 5478.5
	13 5341.5		28 5387.5		13 5433.5		28 5479.5
	14 5342.5		29 5388.5		14 5434.5		29 5480.5
	15 5343.5		30 5389.5		15 5435.5		30 5481.5
	16 5344.5		31 5390.5		16 5436.5	Dec.	1 5482.5
	17 5345.5	Sept.	1 5391.5		17 5437.5		2 5483.5
	18 5346.5		2 5392.5		18 5438.5		3 5484.5
	19 5347.5		3 5393.5		19 5439.5		4 5485.5
	20 5348.5		4 5394.5		20 5440.5		5 5486.5
	21 5349.5		5 5395.5		21 5441.5		6 5487.5
	22 5350.5		6 5396.5		22 5442.5		7 5488.5
	23 5351.5		7 5397.5		23 5443.5		8 5489.5
	24 5352.5		8 5398.5		24 5444.5		9 5490.5
	25 5353.5		9 5399.5		25 5445.5		10 5491.5
	26 5354.5		10 5400.5		26 5446.5		11 5492.5
	27 5355.5		11 5401.5		27 5447.5		12 5493.5
	28 5356.5		12 5402.5		28 5448.5		13 5494.5
	29 5357.5		13 5403.5		29 5449.5		14 5495.5
	30 5358.5		14 5404.5		30 5450.5		15 5496.5
	31 5359.5		15 5405.5		31 5451.5		16 5497.5
Aug.	1 5360.5		16 5406.5	Nov.	1 5452.5		17 5498.5
	2 5361.5		17 5407.5		2 5453.5		18 5499.5
	3 5362.5		18 5408.5		3 5454.5		19 5500.5
	4 5363.5		19 5409.5		4 5455.5		20 5501.5
	5 5364.5		20 5410.5		5 5456.5		21 5502.5
	6 5365.5		21 5411.5		6 5457.5		22 5503.5
	7 5366.5		22 5412.5		7 5458.5		23 5504.5
	8 5367.5		23 5413.5		8 5459.5		24 5505.5
	9 5368.5		24 5414.5		9 5460.5		25 5506.5
	10 5369.5		25 5415.5		10 5461.5		26 5507.5
	11 5370.5		26 5416.5		11 5462.5		27 5508.5
	12 5371.5		27 5417.5		12 5463.5		28 5509.5
	13 5372.5		28 5418.5		13 5464.5		29 5510.5
	14 5373.5		29 5419.5		14 5465.5		30 5511.5
	15 5374.5		30 5420.5		15 5466.5		31 5512.5

## JULIAN DAYS, 2093

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>248</b>		<b>248</b>		<b>248</b>		<b>248</b>
Jan.	0 5512.5	Feb.	15 5558.5	Apr.	2 5604.5	May	18 5650.5
	1 5513.5		16 5559.5		3 5605.5		19 5651.5
	2 5514.5		17 5560.5		4 5606.5		20 5652.5
	3 5515.5		18 5561.5		5 5607.5		21 5653.5
	4 5516.5		19 5562.5		6 5608.5		22 5654.5
	5 5517.5		20 5563.5		7 5609.5		23 5655.5
	6 5518.5		21 5564.5		8 5610.5		24 5656.5
	7 5519.5		22 5565.5		9 5611.5		25 5657.5
	8 5520.5		23 5566.5		10 5612.5		26 5658.5
	9 5521.5		24 5567.5		11 5613.5		27 5659.5
	10 5522.5		25 5568.5		12 5614.5		28 5660.5
	11 5523.5		26 5569.5		13 5615.5		29 5661.5
	12 5524.5		27 5570.5		14 5616.5		30 5662.5
	13 5525.5		28 5571.5		15 5617.5		31 5663.5
	14 5526.5	Mar.	1 5572.5		16 5618.5	June	1 5664.5
	15 5527.5		2 5573.5		17 5619.5		2 5665.5
	16 5528.5		3 5574.5		18 5620.5		3 5666.5
	17 5529.5		4 5575.5		19 5621.5		4 5667.5
	18 5530.5		5 5576.5		20 5622.5		5 5668.5
	19 5531.5		6 5577.5		21 5623.5		6 5669.5
	20 5532.5		7 5578.5		22 5624.5		7 5670.5
	21 5533.5		8 5579.5		23 5625.5		8 5671.5
	22 5534.5		9 5580.5		24 5626.5		9 5672.5
	23 5535.5		10 5581.5		25 5627.5		10 5673.5
	24 5536.5		11 5582.5		26 5628.5		11 5674.5
	25 5537.5		12 5583.5		27 5629.5		12 5675.5
	26 5538.5		13 5584.5		28 5630.5		13 5676.5
	27 5539.5		14 5585.5		29 5631.5		14 5677.5
	28 5540.5		15 5586.5		30 5632.5		15 5678.5
	29 5541.5		16 5587.5	May	1 5633.5		16 5679.5
	30 5542.5		17 5588.5		2 5634.5		17 5680.5
	31 5543.5		18 5589.5		3 5635.5		18 5681.5
Feb.	1 5544.5		19 5590.5		4 5636.5		19 5682.5
	2 5545.5		20 5591.5		5 5637.5		20 5683.5
	3 5546.5		21 5592.5		6 5638.5		21 5684.5
	4 5547.5		22 5593.5		7 5639.5		22 5685.5
	5 5548.5		23 5594.5		8 5640.5		23 5686.5
	6 5549.5		24 5595.5		9 5641.5		24 5687.5
	7 5550.5		25 5596.5		10 5642.5		25 5688.5
	8 5551.5		26 5597.5		11 5643.5		26 5689.5
	9 5552.5		27 5598.5		12 5644.5		27 5690.5
	10 5553.5		28 5599.5		13 5645.5		28 5691.5
	11 5554.5		29 5600.5		14 5646.5		29 5692.5
	12 5555.5		30 5601.5		15 5647.5		30 5693.5
	13 5556.5		31 5602.5		16 5648.5	July	1 5694.5
	14 5557.5	Apr.	1 5603.5		17 5649.5		2 5695.5

## JULIAN DAYS, 2093

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>248</b>		<b>248</b>		<b>248</b>		<b>248</b>
July	1 5694.5	Aug.	16 5740.5	Oct.	1 5786.5	Nov.	16 5832.5
	2 5695.5		17 5741.5		2 5787.5		17 5833.5
	3 5696.5		18 5742.5		3 5788.5		18 5834.5
	4 5697.5		19 5743.5		4 5789.5		19 5835.5
	5 5698.5		20 5744.5		5 5790.5		20 5836.5
	6 5699.5		21 5745.5		6 5791.5		21 5837.5
	7 5700.5		22 5746.5		7 5792.5		22 5838.5
	8 5701.5		23 5747.5		8 5793.5		23 5839.5
	9 5702.5		24 5748.5		9 5794.5		24 5840.5
	10 5703.5		25 5749.5		10 5795.5		25 5841.5
	11 5704.5		26 5750.5		11 5796.5		26 5842.5
	12 5705.5		27 5751.5		12 5797.5		27 5843.5
	13 5706.5		28 5752.5		13 5798.5		28 5844.5
	14 5707.5		29 5753.5		14 5799.5		29 5845.5
	15 5708.5		30 5754.5		15 5800.5		30 5846.5
	16 5709.5		31 5755.5		16 5801.5	Dec.	1 5847.5
	17 5710.5	Sept.	1 5756.5		17 5802.5		2 5848.5
	18 5711.5		2 5757.5		18 5803.5		3 5849.5
	19 5712.5		3 5758.5		19 5804.5		4 5850.5
	20 5713.5		4 5759.5		20 5805.5		5 5851.5
	21 5714.5		5 5760.5		21 5806.5		6 5852.5
	22 5715.5		6 5761.5		22 5807.5		7 5853.5
	23 5716.5		7 5762.5		23 5808.5		8 5854.5
	24 5717.5		8 5763.5		24 5809.5		9 5855.5
	25 5718.5		9 5764.5		25 5810.5		10 5856.5
	26 5719.5		10 5765.5		26 5811.5		11 5857.5
	27 5720.5		11 5766.5		27 5812.5		12 5858.5
	28 5721.5		12 5767.5		28 5813.5		13 5859.5
	29 5722.5		13 5768.5		29 5814.5		14 5860.5
	30 5723.5		14 5769.5		30 5815.5		15 5861.5
	31 5724.5		15 5770.5		31 5816.5		16 5862.5
Aug.	1 5725.5		16 5771.5	Nov.	1 5817.5		17 5863.5
	2 5726.5		17 5772.5		2 5818.5		18 5864.5
	3 5727.5		18 5773.5		3 5819.5		19 5865.5
	4 5728.5		19 5774.5		4 5820.5		20 5866.5
	5 5729.5		20 5775.5		5 5821.5		21 5867.5
	6 5730.5		21 5776.5		6 5822.5		22 5868.5
	7 5731.5		22 5777.5		7 5823.5		23 5869.5
	8 5732.5		23 5778.5		8 5824.5		24 5870.5
	9 5733.5		24 5779.5		9 5825.5		25 5871.5
	10 5734.5		25 5780.5		10 5826.5		26 5872.5
	11 5735.5		26 5781.5		11 5827.5		27 5873.5
	12 5736.5		27 5782.5		12 5828.5		28 5874.5
	13 5737.5		28 5783.5		13 5829.5		29 5875.5
	14 5738.5		29 5784.5		14 5830.5		30 5876.5
	15 5739.5		30 5785.5		15 5831.5		31 5877.5

## JULIAN DAYS, 2094

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>248</b>		<b>248</b>		<b>248</b>		<b>248</b>
Jan.	0 5877.5	Feb.	15 5923.5	Apr.	2 5969.5	May	18 6015.5
	1 5878.5		16 5924.5		3 5970.5		19 6016.5
	2 5879.5		17 5925.5		4 5971.5		20 6017.5
	3 5880.5		18 5926.5		5 5972.5		21 6018.5
	4 5881.5		19 5927.5		6 5973.5		22 6019.5
	5 5882.5		20 5928.5		7 5974.5		23 6020.5
	6 5883.5		21 5929.5		8 5975.5		24 6021.5
	7 5884.5		22 5930.5		9 5976.5		25 6022.5
	8 5885.5		23 5931.5		10 5977.5		26 6023.5
	9 5886.5		24 5932.5		11 5978.5		27 6024.5
	10 5887.5		25 5933.5		12 5979.5		28 6025.5
	11 5888.5		26 5934.5		13 5980.5		29 6026.5
	12 5889.5		27 5935.5		14 5981.5		30 6027.5
	13 5890.5		28 5936.5		15 5982.5		31 6028.5
	14 5891.5	Mar.	1 5937.5		16 5983.5	June	1 6029.5
	15 5892.5		2 5938.5		17 5984.5		2 6030.5
	16 5893.5		3 5939.5		18 5985.5		3 6031.5
	17 5894.5		4 5940.5		19 5986.5		4 6032.5
	18 5895.5		5 5941.5		20 5987.5		5 6033.5
	19 5896.5		6 5942.5		21 5988.5		6 6034.5
	20 5897.5		7 5943.5		22 5989.5		7 6035.5
	21 5898.5		8 5944.5		23 5990.5		8 6036.5
	22 5899.5		9 5945.5		24 5991.5		9 6037.5
	23 5900.5		10 5946.5		25 5992.5		10 6038.5
	24 5901.5		11 5947.5		26 5993.5		11 6039.5
	25 5902.5		12 5948.5		27 5994.5		12 6040.5
	26 5903.5		13 5949.5		28 5995.5		13 6041.5
	27 5904.5		14 5950.5		29 5996.5		14 6042.5
	28 5905.5		15 5951.5		30 5997.5		15 6043.5
	29 5906.5		16 5952.5	May	1 5998.5		16 6044.5
	30 5907.5		17 5953.5		2 5999.5		17 6045.5
	31 5908.5		18 5954.5		3 6000.5		18 6046.5
Feb.	1 5909.5		19 5955.5		4 6001.5		19 6047.5
	2 5910.5		20 5956.5		5 6002.5		20 6048.5
	3 5911.5		21 5957.5		6 6003.5		21 6049.5
	4 5912.5		22 5958.5		7 6004.5		22 6050.5
	5 5913.5		23 5959.5		8 6005.5		23 6051.5
	6 5914.5		24 5960.5		9 6006.5		24 6052.5
	7 5915.5		25 5961.5		10 6007.5		25 6053.5
	8 5916.5		26 5962.5		11 6008.5		26 6054.5
	9 5917.5		27 5963.5		12 6009.5		27 6055.5
	10 5918.5		28 5964.5		13 6010.5		28 6056.5
	11 5919.5		29 5965.5		14 6011.5		29 6057.5
	12 5920.5		30 5966.5		15 6012.5		30 6058.5
	13 5921.5		31 5967.5		16 6013.5	July	1 6059.5
	14 5922.5	Apr.	1 5968.5		17 6014.5		2 6060.5

## JULIAN DAYS, 2094

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>248</b>		<b>248</b>		<b>248</b>		<b>248</b>
July	1 <b>6059.5</b>	Aug.	16 <b>6105.5</b>	Oct.	1 <b>6151.5</b>	Nov.	16 <b>6197.5</b>
	2 <b>6060.5</b>		17 <b>6106.5</b>		2 <b>6152.5</b>		17 <b>6198.5</b>
	3 <b>6061.5</b>		18 <b>6107.5</b>		3 <b>6153.5</b>		18 <b>6199.5</b>
	4 <b>6062.5</b>		19 <b>6108.5</b>		4 <b>6154.5</b>		19 <b>6200.5</b>
	5 <b>6063.5</b>		20 <b>6109.5</b>		5 <b>6155.5</b>		20 <b>6201.5</b>
	6 <b>6064.5</b>		21 <b>6110.5</b>		6 <b>6156.5</b>		21 <b>6202.5</b>
	7 <b>6065.5</b>		22 <b>6111.5</b>		7 <b>6157.5</b>		22 <b>6203.5</b>
	8 <b>6066.5</b>		23 <b>6112.5</b>		8 <b>6158.5</b>		23 <b>6204.5</b>
	9 <b>6067.5</b>		24 <b>6113.5</b>		9 <b>6159.5</b>		24 <b>6205.5</b>
	10 <b>6068.5</b>		25 <b>6114.5</b>		10 <b>6160.5</b>		25 <b>6206.5</b>
	11 <b>6069.5</b>		26 <b>6115.5</b>		11 <b>6161.5</b>		26 <b>6207.5</b>
	12 <b>6070.5</b>		27 <b>6116.5</b>		12 <b>6162.5</b>		27 <b>6208.5</b>
	13 <b>6071.5</b>		28 <b>6117.5</b>		13 <b>6163.5</b>		28 <b>6209.5</b>
	14 <b>6072.5</b>		29 <b>6118.5</b>		14 <b>6164.5</b>		29 <b>6210.5</b>
	15 <b>6073.5</b>		30 <b>6119.5</b>		15 <b>6165.5</b>		30 <b>6211.5</b>
	16 <b>6074.5</b>		31 <b>6120.5</b>		16 <b>6166.5</b>	Dec.	1 <b>6212.5</b>
	17 <b>6075.5</b>	Sept.	1 <b>6121.5</b>		17 <b>6167.5</b>		2 <b>6213.5</b>
	18 <b>6076.5</b>		2 <b>6122.5</b>		18 <b>6168.5</b>		3 <b>6214.5</b>
	19 <b>6077.5</b>		3 <b>6123.5</b>		19 <b>6169.5</b>		4 <b>6215.5</b>
	20 <b>6078.5</b>		4 <b>6124.5</b>		20 <b>6170.5</b>		5 <b>6216.5</b>
	21 <b>6079.5</b>		5 <b>6125.5</b>		21 <b>6171.5</b>		6 <b>6217.5</b>
	22 <b>6080.5</b>		6 <b>6126.5</b>		22 <b>6172.5</b>		7 <b>6218.5</b>
	23 <b>6081.5</b>		7 <b>6127.5</b>		23 <b>6173.5</b>		8 <b>6219.5</b>
	24 <b>6082.5</b>		8 <b>6128.5</b>		24 <b>6174.5</b>		9 <b>6220.5</b>
	25 <b>6083.5</b>		9 <b>6129.5</b>		25 <b>6175.5</b>		10 <b>6221.5</b>
	26 <b>6084.5</b>		10 <b>6130.5</b>		26 <b>6176.5</b>		11 <b>6222.5</b>
	27 <b>6085.5</b>		11 <b>6131.5</b>		27 <b>6177.5</b>		12 <b>6223.5</b>
	28 <b>6086.5</b>		12 <b>6132.5</b>		28 <b>6178.5</b>		13 <b>6224.5</b>
	29 <b>6087.5</b>		13 <b>6133.5</b>		29 <b>6179.5</b>		14 <b>6225.5</b>
	30 <b>6088.5</b>		14 <b>6134.5</b>		30 <b>6180.5</b>		15 <b>6226.5</b>
	31 <b>6089.5</b>		15 <b>6135.5</b>		31 <b>6181.5</b>		16 <b>6227.5</b>
Aug.	1 <b>6090.5</b>		16 <b>6136.5</b>	Nov.	1 <b>6182.5</b>		17 <b>6228.5</b>
	2 <b>6091.5</b>		17 <b>6137.5</b>		2 <b>6183.5</b>		18 <b>6229.5</b>
	3 <b>6092.5</b>		18 <b>6138.5</b>		3 <b>6184.5</b>		19 <b>6230.5</b>
	4 <b>6093.5</b>		19 <b>6139.5</b>		4 <b>6185.5</b>		20 <b>6231.5</b>
	5 <b>6094.5</b>		20 <b>6140.5</b>		5 <b>6186.5</b>		21 <b>6232.5</b>
	6 <b>6095.5</b>		21 <b>6141.5</b>		6 <b>6187.5</b>		22 <b>6233.5</b>
	7 <b>6096.5</b>		22 <b>6142.5</b>		7 <b>6188.5</b>		23 <b>6234.5</b>
	8 <b>6097.5</b>		23 <b>6143.5</b>		8 <b>6189.5</b>		24 <b>6235.5</b>
	9 <b>6098.5</b>		24 <b>6144.5</b>		9 <b>6190.5</b>		25 <b>6236.5</b>
	10 <b>6099.5</b>		25 <b>6145.5</b>		10 <b>6191.5</b>		26 <b>6237.5</b>
	11 <b>6100.5</b>		26 <b>6146.5</b>		11 <b>6192.5</b>		27 <b>6238.5</b>
	12 <b>6101.5</b>		27 <b>6147.5</b>		12 <b>6193.5</b>		28 <b>6239.5</b>
	13 <b>6102.5</b>		28 <b>6148.5</b>		13 <b>6194.5</b>		29 <b>6240.5</b>
	14 <b>6103.5</b>		29 <b>6149.5</b>		14 <b>6195.5</b>		30 <b>6241.5</b>
	15 <b>6104.5</b>		30 <b>6150.5</b>		15 <b>6196.5</b>		31 <b>6242.5</b>

## JULIAN DAYS, 2095

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>248</b>		<b>248</b>		<b>248</b>		<b>248</b>
Jan.	0 6242.5	Feb.	15 6288.5	Apr.	2 6334.5	May	18 6380.5
	1 6243.5		16 6289.5		3 6335.5		19 6381.5
	2 6244.5		17 6290.5		4 6336.5		20 6382.5
	3 6245.5		18 6291.5		5 6337.5		21 6383.5
	4 6246.5		19 6292.5		6 6338.5		22 6384.5
	5 6247.5		20 6293.5		7 6339.5		23 6385.5
	6 6248.5		21 6294.5		8 6340.5		24 6386.5
	7 6249.5		22 6295.5		9 6341.5		25 6387.5
	8 6250.5		23 6296.5		10 6342.5		26 6388.5
	9 6251.5		24 6297.5		11 6343.5		27 6389.5
	10 6252.5		25 6298.5		12 6344.5		28 6390.5
	11 6253.5		26 6299.5		13 6345.5		29 6391.5
	12 6254.5		27 6300.5		14 6346.5		30 6392.5
	13 6255.5		28 6301.5		15 6347.5		31 6393.5
	14 6256.5	Mar.	1 6302.5		16 6348.5	June	1 6394.5
	15 6257.5		2 6303.5		17 6349.5		2 6395.5
	16 6258.5		3 6304.5		18 6350.5		3 6396.5
	17 6259.5		4 6305.5		19 6351.5		4 6397.5
	18 6260.5		5 6306.5		20 6352.5		5 6398.5
	19 6261.5		6 6307.5		21 6353.5		6 6399.5
	20 6262.5		7 6308.5		22 6354.5		7 6400.5
	21 6263.5		8 6309.5		23 6355.5		8 6401.5
	22 6264.5		9 6310.5		24 6356.5		9 6402.5
	23 6265.5		10 6311.5		25 6357.5		10 6403.5
	24 6266.5		11 6312.5		26 6358.5		11 6404.5
	25 6267.5		12 6313.5		27 6359.5		12 6405.5
	26 6268.5		13 6314.5		28 6360.5		13 6406.5
	27 6269.5		14 6315.5		29 6361.5		14 6407.5
	28 6270.5		15 6316.5		30 6362.5		15 6408.5
	29 6271.5		16 6317.5	May	1 6363.5		16 6409.5
	30 6272.5		17 6318.5		2 6364.5		17 6410.5
	31 6273.5		18 6319.5		3 6365.5		18 6411.5
Feb.	1 6274.5		19 6320.5		4 6366.5		19 6412.5
	2 6275.5		20 6321.5		5 6367.5		20 6413.5
	3 6276.5		21 6322.5		6 6368.5		21 6414.5
	4 6277.5		22 6323.5		7 6369.5		22 6415.5
	5 6278.5		23 6324.5		8 6370.5		23 6416.5
	6 6279.5		24 6325.5		9 6371.5		24 6417.5
	7 6280.5		25 6326.5		10 6372.5		25 6418.5
	8 6281.5		26 6327.5		11 6373.5		26 6419.5
	9 6282.5		27 6328.5		12 6374.5		27 6420.5
	10 6283.5		28 6329.5		13 6375.5		28 6421.5
	11 6284.5		29 6330.5		14 6376.5		29 6422.5
	12 6285.5		30 6331.5		15 6377.5		30 6423.5
	13 6286.5		31 6332.5		16 6378.5	July	1 6424.5
	14 6287.5	Apr.	1 6333.5		17 6379.5		2 6425.5



## JULIAN DAYS, 2095

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>248</b>		<b>248</b>		<b>248</b>		<b>248</b>
July	1 6424.5	Aug.	16 6470.5	Oct.	1 6516.5	Nov.	16 6562.5
	2 6425.5		17 6471.5		2 6517.5		17 6563.5
	3 6426.5		18 6472.5		3 6518.5		18 6564.5
	4 6427.5		19 6473.5		4 6519.5		19 6565.5
	5 6428.5		20 6474.5		5 6520.5		20 6566.5
	6 6429.5		21 6475.5		6 6521.5		21 6567.5
	7 6430.5		22 6476.5		7 6522.5		22 6568.5
	8 6431.5		23 6477.5		8 6523.5		23 6569.5
	9 6432.5		24 6478.5		9 6524.5		24 6570.5
	10 6433.5		25 6479.5		10 6525.5		25 6571.5
	11 6434.5		26 6480.5		11 6526.5		26 6572.5
	12 6435.5		27 6481.5		12 6527.5		27 6573.5
	13 6436.5		28 6482.5		13 6528.5		28 6574.5
	14 6437.5		29 6483.5		14 6529.5		29 6575.5
	15 6438.5		30 6484.5		15 6530.5		30 6576.5
	16 6439.5		31 6485.5		16 6531.5	Dec.	1 6577.5
	17 6440.5	Sept.	1 6486.5		17 6532.5		2 6578.5
	18 6441.5		2 6487.5		18 6533.5		3 6579.5
	19 6442.5		3 6488.5		19 6534.5		4 6580.5
	20 6443.5		4 6489.5		20 6535.5		5 6581.5
	21 6444.5		5 6490.5		21 6536.5		6 6582.5
	22 6445.5		6 6491.5		22 6537.5		7 6583.5
	23 6446.5		7 6492.5		23 6538.5		8 6584.5
	24 6447.5		8 6493.5		24 6539.5		9 6585.5
	25 6448.5		9 6494.5		25 6540.5		10 6586.5
	26 6449.5		10 6495.5		26 6541.5		11 6587.5
	27 6450.5		11 6496.5		27 6542.5		12 6588.5
	28 6451.5		12 6497.5		28 6543.5		13 6589.5
	29 6452.5		13 6498.5		29 6544.5		14 6590.5
	30 6453.5		14 6499.5		30 6545.5		15 6591.5
	31 6454.5		15 6500.5		31 6546.5		16 6592.5
Aug.	1 6455.5		16 6501.5	Nov.	1 6547.5		17 6593.5
	2 6456.5		17 6502.5		2 6548.5		18 6594.5
	3 6457.5		18 6503.5		3 6549.5		19 6595.5
	4 6458.5		19 6504.5		4 6550.5		20 6596.5
	5 6459.5		20 6505.5		5 6551.5		21 6597.5
	6 6460.5		21 6506.5		6 6552.5		22 6598.5
	7 6461.5		22 6507.5		7 6553.5		23 6599.5
	8 6462.5		23 6508.5		8 6554.5		24 6600.5
	9 6463.5		24 6509.5		9 6555.5		25 6601.5
	10 6464.5		25 6510.5		10 6556.5		26 6602.5
	11 6465.5		26 6511.5		11 6557.5		27 6603.5
	12 6466.5		27 6512.5		12 6558.5		28 6604.5
	13 6467.5		28 6513.5		13 6559.5		29 6605.5
	14 6468.5		29 6514.5		14 6560.5		30 6606.5
	15 6469.5		30 6515.5		15 6561.5		31 6607.5

## JULIAN DAYS, 2096

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>248</b>		<b>248</b>		<b>248</b>		<b>248</b>
Jan.	0 <b>6607.5</b>	Feb.	15 <b>6653.5</b>	Apr.	1 <b>6699.5</b>	May	17 <b>6745.5</b>
	1 <b>6608.5</b>		16 <b>6654.5</b>		2 <b>6700.5</b>		18 <b>6746.5</b>
	2 <b>6609.5</b>		17 <b>6655.5</b>		3 <b>6701.5</b>		10 <b>6747.5</b>
	3 <b>6610.5</b>		18 <b>6656.5</b>		4 <b>6702.5</b>		20 <b>6748.5</b>
	4 <b>6611.5</b>		19 <b>6657.5</b>		5 <b>6703.5</b>		21 <b>6749.5</b>
	5 <b>6612.5</b>		20 <b>6658.5</b>		6 <b>6704.5</b>		22 <b>6750.5</b>
	6 <b>6613.5</b>		21 <b>6659.5</b>		7 <b>6705.5</b>		23 <b>6751.5</b>
	7 <b>6614.5</b>		22 <b>6660.5</b>		8 <b>6706.5</b>		24 <b>6752.5</b>
	8 <b>6615.5</b>		23 <b>6661.5</b>		9 <b>6707.5</b>		25 <b>6753.5</b>
	9 <b>6616.5</b>		24 <b>6662.5</b>		10 <b>6708.5</b>		26 <b>6754.5</b>
	10 <b>6617.5</b>		25 <b>6663.5</b>		11 <b>6709.5</b>		27 <b>6755.5</b>
	11 <b>6618.5</b>		26 <b>6664.5</b>		12 <b>6710.5</b>		28 <b>6756.5</b>
	12 <b>6619.5</b>		27 <b>6665.5</b>		13 <b>6711.5</b>		29 <b>6757.5</b>
	13 <b>6620.5</b>		28 <b>6666.5</b>		14 <b>6712.5</b>		30 <b>6758.5</b>
	14 <b>6621.5</b>		29 <b>6667.5</b>		15 <b>6713.5</b>		31 <b>6759.5</b>
	15 <b>6622.5</b>	Mar.	1 <b>6668.5</b>		16 <b>6714.5</b>	June	1 <b>6760.5</b>
	16 <b>6623.5</b>		2 <b>6669.5</b>		17 <b>6715.5</b>		2 <b>6761.5</b>
	17 <b>6624.5</b>		3 <b>6670.5</b>		18 <b>6716.5</b>		3 <b>6762.5</b>
	18 <b>6625.5</b>		4 <b>6671.5</b>		19 <b>6717.5</b>		4 <b>6763.5</b>
	19 <b>6626.5</b>		5 <b>6672.5</b>		20 <b>6718.5</b>		5 <b>6764.5</b>
	20 <b>6627.5</b>		6 <b>6673.5</b>		21 <b>6719.5</b>		6 <b>6765.5</b>
	21 <b>6628.5</b>		7 <b>6674.5</b>		22 <b>6720.5</b>		7 <b>6766.5</b>
	22 <b>6629.5</b>		8 <b>6675.5</b>		23 <b>6721.5</b>		8 <b>6767.5</b>
	23 <b>6630.5</b>		9 <b>6676.5</b>		24 <b>6722.5</b>		9 <b>6768.5</b>
	24 <b>6631.5</b>		10 <b>6677.5</b>		25 <b>6723.5</b>		10 <b>6769.5</b>
	25 <b>6632.5</b>		11 <b>6678.5</b>		26 <b>6724.5</b>		11 <b>6770.5</b>
	26 <b>6633.5</b>		12 <b>6679.5</b>		27 <b>6725.5</b>		12 <b>6771.5</b>
	27 <b>6634.5</b>		13 <b>6680.5</b>		28 <b>6726.5</b>		13 <b>6772.5</b>
	28 <b>6635.5</b>		14 <b>6681.5</b>		29 <b>6727.5</b>		14 <b>6773.5</b>
	29 <b>6636.5</b>		15 <b>6682.5</b>		30 <b>6728.5</b>		15 <b>6774.5</b>
	30 <b>6637.5</b>		16 <b>6683.5</b>	May	1 <b>6729.5</b>		16 <b>6775.5</b>
	31 <b>6638.5</b>		17 <b>6684.5</b>		2 <b>6730.5</b>		17 <b>6776.5</b>
Feb.	1 <b>6639.5</b>		18 <b>6685.5</b>		3 <b>6731.5</b>		18 <b>6777.5</b>
	2 <b>6640.5</b>		19 <b>6686.5</b>		4 <b>6732.5</b>		19 <b>6778.5</b>
	3 <b>6641.5</b>		20 <b>6687.5</b>		5 <b>6733.5</b>		20 <b>6779.5</b>
	4 <b>6642.5</b>		21 <b>6688.5</b>		6 <b>6734.5</b>		21 <b>6780.5</b>
	5 <b>6643.5</b>		22 <b>6689.5</b>		7 <b>6735.5</b>		22 <b>6781.5</b>
	6 <b>6644.5</b>		23 <b>6690.5</b>		8 <b>6736.5</b>		23 <b>6782.5</b>
	7 <b>6645.5</b>		24 <b>6691.5</b>		9 <b>6737.5</b>		24 <b>6783.5</b>
	8 <b>6646.5</b>		25 <b>6692.5</b>		10 <b>6738.5</b>		25 <b>6784.5</b>
	9 <b>6647.5</b>		26 <b>6693.5</b>		11 <b>6739.5</b>		26 <b>6785.5</b>
	10 <b>6648.5</b>		27 <b>6694.5</b>		12 <b>6740.5</b>		27 <b>6786.5</b>
	11 <b>6649.5</b>		28 <b>6695.5</b>		13 <b>6741.5</b>		28 <b>6787.5</b>
	12 <b>6650.5</b>		29 <b>6696.5</b>		14 <b>6742.5</b>		29 <b>6788.5</b>
	13 <b>6651.5</b>		30 <b>6697.5</b>		15 <b>6743.5</b>		30 <b>6789.5</b>
	14 <b>6652.5</b>		31 <b>6698.5</b>		16 <b>6744.5</b>	July	1 <b>6790.5</b>

## JULIAN DAYS, 2096

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>248</b>		<b>248</b>		<b>248</b>		<b>248</b>
July	1 6790.5	Aug.	16 6836.5	Oct.	1 6882.5	Nov.	16 6928.5
	2 6791.5		17 6837.5		2 6883.5		17 6929.5
	3 6792.5		18 6838.5		3 6884.5		18 6930.5
	4 6793.5		19 6839.5		4 6885.5		19 6931.5
	5 6794.5		20 6840.5		5 6886.5		20 6932.5
	6 6795.5		21 6841.5		6 6887.5		21 6933.5
	7 6796.5		22 6842.5		7 6888.5		22 6934.5
	8 6797.5		23 6843.5		8 6889.5		23 6935.5
	9 6798.5		24 6844.5		9 6890.5		24 6936.5
	10 6799.5		25 6845.5		10 6891.5		25 6937.5
	11 6800.5		26 6846.5		11 6892.5		26 6938.5
	12 6801.5		27 6847.5		12 6893.5		27 6939.5
	13 6802.5		28 6848.5		13 6894.5		28 6940.5
	14 6803.5		29 6849.5		14 6895.5		29 6941.5
	15 6804.5		30 6850.5		15 6896.5		30 6942.5
	16 6805.5		31 6851.5		16 6897.5	Dec.	1 6943.5
	17 6806.5	Sept.	1 6852.5		17 6898.5		2 6944.5
	18 6807.5		2 6853.5		18 6899.5		3 6945.5
	19 6808.5		3 6854.5		19 6900.5		4 6946.5
	20 6809.5		4 6855.5		20 6901.5		5 6947.5
	21 6810.5		5 6856.5		21 6902.5		6 6948.5
	22 6811.5		6 6857.5		22 6903.5		7 6949.5
	23 6812.5		7 6858.5		23 6904.5		8 6950.5
	24 6813.5		8 6859.5		24 6905.5		9 6951.5
	25 6814.5		9 6860.5		25 6906.5		10 6952.5
	26 6815.5		10 6861.5		26 6907.5		11 6953.5
	27 6816.5		11 6862.5		27 6908.5		12 6954.5
	28 6817.5		12 6863.5		28 6909.5		13 6955.5
	29 6818.5		13 6864.5		29 6910.5		14 6956.5
	30 6819.5		14 6865.5		30 6911.5		15 6957.5
	31 6820.5		15 6866.5		31 6912.5		16 6958.5
Aug.	1 6821.5		16 6867.5	Nov.	1 6913.5		17 6959.5
	2 6822.5		17 6868.5		2 6914.5		18 6960.5
	3 6823.5		18 6869.5		3 6915.5		19 6961.5
	4 6824.5		19 6870.5		4 6916.5		20 6962.5
	5 6825.5		20 6871.5		5 6917.5		21 6963.5
	6 6826.5		21 6872.5		6 6918.5		22 6964.5
	7 6827.5		22 6873.5		7 6919.5		23 6965.5
	8 6828.5		23 6874.5		8 6920.5		24 6966.5
	9 6829.5		24 6875.5		9 6921.5		25 6967.5
	10 6830.5		25 6876.5		10 6922.5		26 6968.5
	11 6831.5		26 6877.5		11 6923.5		27 6969.5
	12 6832.5		27 6878.5		12 6924.5		28 6970.5
	13 6833.5		28 6879.5		13 6925.5		29 6971.5
	14 6834.5		29 6880.5		14 6926.5		30 6972.5
	15 6835.5		30 6881.5		15 6927.5		31 6973.5

## JULIAN DAYS, 2007

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>248</b>		<b>248</b>		<b>248</b>		<b>248</b>
Jan.	0 6973.5	Feb.	15 7019.5	Apr.	2 7065.5	May	18 7111.5
	1 6974.5		16 7020.5		3 7066.5		19 7112.5
	2 6975.5		17 7021.5		4 7067.5		20 7113.5
	3 6976.5		18 7022.5		5 7068.5		21 7114.5
	4 6977.5		19 7023.5		6 7069.5		22 7115.5
	5 6978.5		20 7024.5		7 7070.5		23 7116.5
	6 6979.5		21 7025.5		8 7071.5		24 7117.5
	7 6980.5		22 7026.5		9 7072.5		25 7118.5
	8 6981.5		23 7027.5		10 7073.5		26 7119.5
	9 6982.5		24 7028.5		11 7074.5		27 7120.5
	10 6983.5		25 7029.5		12 7075.5		28 7121.5
	11 6984.5		26 7030.5		13 7076.5		29 7122.5
	12 6985.5		27 7031.5		14 7077.5		30 7123.5
	13 6986.5		28 7032.5		15 7078.5		31 7124.5
	14 6987.5	Mar.	1 7033.5		16 7079.5	June	1 7125.5
	15 6988.5		2 7034.5		17 7080.5		2 7126.5
	16 6989.5		3 7035.5		18 7081.5		3 7127.5
	17 6990.5		4 7036.5		19 7082.5		4 7128.5
	18 6991.5		5 7037.5		20 7083.5		5 7129.5
	19 6992.5		6 7038.5		21 7084.5		6 7130.5
	20 6993.5		7 7039.5		22 7085.5		7 7131.5
	21 6994.5		8 7040.5		23 7086.5		8 7132.5
	22 6995.5		9 7041.5		24 7087.5		9 7133.5
	23 6996.5		10 7042.5		25 7088.5		10 7134.5
	24 6997.5		11 7043.5		26 7089.5		11 7135.5
	25 6998.5		12 7044.5		27 7090.5		12 7136.5
	26 6999.5		13 7045.5		28 7091.5		13 7137.5
	27 7000.5		14 7046.5		29 7092.5		14 7138.5
	28 7001.5		15 7047.5		30 7093.5		15 7139.5
	29 7002.5		16 7048.5	May	1 7094.5		16 7140.5
	30 7003.5		17 7049.5		2 7095.5		17 7141.5
	31 7004.5		18 7050.5		3 7096.5		18 7142.5
Feb.	1 7005.5		19 7051.5		4 7097.5		19 7143.5
	2 7006.5		20 7052.5		5 7098.5		20 7144.5
	3 7007.5		21 7053.5		6 7099.5		21 7145.5
	4 7008.5		22 7054.5		7 7100.5		22 7146.5
	5 7009.5		23 7055.5		8 7101.5		23 7147.5
	6 7010.5		24 7056.5		9 7102.5		24 7148.5
	7 7011.5		25 7057.5		10 7103.5		25 7149.5
	8 7012.5		26 7058.5		11 7104.5		26 7150.5
	9 7013.5		27 7059.5		12 7105.5		27 7151.5
	10 7014.5		28 7060.5		13 7106.5		28 7152.5
	11 7015.5		29 7061.5		14 7107.5		29 7153.5
	12 7016.5		30 7062.5		15 7108.5		30 7154.5
	13 7017.5		31 7063.5		16 7109.5	July	1 7155.5
	14 7018.5	Apr.	1 7064.5		17 7110.5		2 7156.5

## JULIAN DAYS, 2097

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>248</b>		<b>248</b>		<b>248</b>		<b>248</b>
July	1 7155.5	Aug.	16 7201.5	Oct.	1 7247.5	Nov.	16 7293.5
	2 7156.5		17 7202.5		2 7248.5		17 7294.5
	3 7157.5		18 7203.5		3 7249.5		18 7295.5
	4 7158.5		19 7204.5		4 7250.5		19 7296.5
	5 7159.5		20 7205.5		5 7251.5		20 7297.5
	6 7160.5		21 7206.5		6 7252.5		21 7298.5
	7 7161.5		22 7207.5		7 7253.5		22 7299.5
	8 7162.5		23 7208.5		8 7254.5		23 7300.5
	9 7163.5		24 7209.5		9 7255.5		24 7301.5
	10 7164.5		25 7210.5		10 7256.5		25 7302.5
	11 7165.5		26 7211.5		11 7257.5		26 7303.5
	12 7166.5		27 7212.5		12 7258.5		27 7304.5
	13 7167.5		28 7213.5		13 7259.5		28 7305.5
	14 7168.5		29 7214.5		14 7260.5		29 7306.5
	15 7169.5		30 7215.5		15 7261.5		30 7307.5
	16 7170.5		31 7216.5		16 7262.5	Dec.	1 7308.5
	17 7171.5	Sept.	1 7217.5		17 7263.5		2 7309.5
	18 7172.5		2 7218.5		18 7264.5		3 7310.5
	19 7173.5		3 7219.5		19 7265.5		4 7311.5
	20 7174.5		4 7220.5		20 7266.5		5 7312.5
	21 7175.5		5 7221.5		21 7267.5		6 7313.5
	22 7176.5		6 7222.5		22 7268.5		7 7314.5
	23 7177.5		7 7223.5		23 7269.5		8 7315.5
	24 7178.5		8 7224.5		24 7270.5		9 7316.5
	25 7179.5		9 7225.5		25 7271.5		10 7317.5
	26 7180.5		10 7226.5		26 7272.5		11 7318.5
	27 7181.5		11 7227.5		27 7273.5		12 7319.5
	28 7182.5		12 7228.5		28 7274.5		13 7320.5
	29 7183.5		13 7229.5		29 7275.5		14 7321.5
	30 7184.5		14 7230.5		30 7276.5		15 7322.5
	31 7185.5		15 7231.5		31 7277.5		16 7323.5
Aug.	1 7186.5		16 7232.5	Nov.	1 7278.5		17 7324.5
	2 7187.5		17 7233.5		2 7279.5		18 7325.5
	3 7188.5		18 7234.5		3 7280.5		19 7326.5
	4 7189.5		19 7235.5		4 7281.5		20 7327.5
	5 7190.5		20 7236.5		5 7282.5		21 7328.5
	6 7191.5		21 7237.5		6 7283.5		22 7329.5
	7 7192.5		22 7238.5		7 7284.5		23 7330.5
	8 7193.5		23 7239.5		8 7285.5		24 7331.5
	9 7194.5		24 7240.5		9 7286.5		25 7332.5
	10 7195.5		25 7241.5		10 7287.5		26 7333.5
	11 7196.5		26 7242.5		11 7288.5		27 7334.5
	12 7197.5		27 7243.5		12 7289.5		28 7335.5
	13 7198.5		28 7244.5		13 7290.5		29 7336.5
	14 7199.5		29 7245.5		14 7291.5		30 7337.5
	15 7200.5		30 7246.5		15 7292.5		31 7338.5

## JULIAN DAYS, 2008

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>248</b>		<b>248</b>		<b>248</b>		<b>248</b>
Jan.	0 7338.5	Feb.	15 7384.5	Apr.	2 7430.5	May	18 7476.5
	1 7339.5		16 7385.5		3 7431.5		19 7477.5
	2 7340.5		17 7386.5		4 7432.5		20 7478.5
	3 7341.5		18 7387.5		5 7433.5		21 7479.5
	4 7342.5		19 7388.5		6 7434.5		22 7480.5
	5 7343.5		20 7389.5		7 7435.5		23 7481.5
	6 7344.5		21 7390.5		8 7436.5		24 7482.5
	7 7345.5		22 7391.5		9 7437.5		25 7483.5
	8 7346.5		23 7392.5		10 7438.5		26 7484.5
	9 7347.5		24 7393.5		11 7439.5		27 7485.5
	10 7348.5		25 7394.5		12 7440.5		28 7486.5
	11 7349.5		26 7395.5		13 7441.5		29 7487.5
	12 7350.5		27 7396.5		14 7442.5		30 7488.5
	13 7351.5		28 7397.5		15 7443.5		31 7489.5
	14 7352.5	Mar.	1 7398.5		16 7444.5	June	1 7490.5
	15 7353.5		2 7399.5		17 7445.5		2 7491.5
	16 7354.5		3 7400.5		18 7446.5		3 7492.5
	17 7355.5		4 7401.5		19 7447.5		4 7493.5
	18 7356.5		5 7402.5		20 7448.5		5 7494.5
	19 7357.5		6 7403.5		21 7449.5		6 7495.5
	20 7358.5		7 7404.5		22 7450.5		7 7496.5
	21 7359.5		8 7405.5		23 7451.5		8 7497.5
	22 7360.5		9 7406.5		24 7452.5		9 7498.5
	23 7361.5		10 7407.5		25 7453.5		10 7499.5
	24 7362.5		11 7408.5		26 7454.5		11 7500.5
	25 7363.5		12 7409.5		27 7455.5		12 7501.5
	26 7364.5		13 7410.5		28 7456.5		13 7502.5
	27 7365.5		14 7411.5		29 7457.5		14 7503.5
	28 7366.5		15 7412.5		30 7458.5		15 7504.5
	29 7367.5		16 7413.5	May	1 7459.5		16 7505.5
	30 7368.5		17 7414.5		2 7460.5		17 7506.5
	31 7369.5		18 7415.5		3 7461.5		18 7507.5
Feb.	1 7370.5		19 7416.5		4 7462.5		19 7508.5
	2 7371.5		20 7417.5		5 7463.5		20 7509.5
	3 7372.5		21 7418.5		6 7464.5		21 7510.5
	4 7373.5		22 7419.5		7 7465.5		22 7511.5
	5 7374.5		23 7420.5		8 7466.5		23 7512.5
	6 7375.5		24 7421.5		9 7467.5		24 7513.5
	7 7376.5		25 7422.5		10 7468.5		25 7514.5
	8 7377.5		26 7423.5		11 7469.5		26 7515.5
	9 7378.5		27 7424.5		12 7470.5		27 7516.5
	10 7379.5		28 7425.5		13 7471.5		28 7517.5
	11 7380.5		29 7426.5		14 7472.5		29 7518.5
	12 7381.5		30 7427.5		15 7473.5		30 7519.5
	13 7382.5		31 7428.5		16 7474.5	July	1 7520.5
	14 7383.5	Apr.	1 7429.5		17 7475.5		2 7521.5

## JULIAN DAYS, 2008

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>248</b>		<b>248</b>		<b>248</b>		<b>248</b>
July	1 7520.5	Aug.	16 7566.5	Oct.	1 7612.5	Nov.	16 7658.5
	2 7521.5		17 7567.5		2 7613.5		17 7659.5
	3 7522.5		18 7568.5		3 7614.5		18 7660.5
	4 7523.5		19 7569.5		4 7615.5		19 7661.5
	5 7524.5		20 7570.5		5 7616.5		20 7662.5
	6 7525.5		21 7571.5		6 7617.5		21 7663.5
	7 7526.5		22 7572.5		7 7618.5		22 7664.5
	8 7527.5		23 7573.5		8 7619.5		23 7665.5
	9 7528.5		24 7574.5		9 7620.5		24 7666.5
	10 7529.5		25 7575.5		10 7621.5		25 7667.5
	11 7530.5		26 7576.5		11 7622.5		26 7668.5
	12 7531.5		27 7577.5		12 7623.5		27 7669.5
	13 7532.5		28 7578.5		13 7624.5		28 7670.5
	14 7533.5		29 7579.5		14 7625.5		29 7671.5
	15 7534.5		30 7580.5		15 7626.5		30 7672.5
	16 7535.5		31 7581.5		16 7627.5	Dec.	1 7673.5
	17 7536.5	Sept.	1 7582.5		17 7628.5		2 7674.5
	18 7537.5		2 7583.5		18 7629.5		3 7675.5
	19 7538.5		3 7584.5		19 7630.5		4 7676.5
	20 7539.5		4 7585.5		20 7631.5		5 7677.5
	21 7540.5		5 7586.5		21 7632.5		6 7678.5
	22 7541.5		6 7587.5		22 7633.5		7 7679.5
	23 7542.5		7 7588.5		23 7634.5		8 7680.5
	24 7543.5		8 7589.5		24 7635.5		9 7681.5
	25 7544.5		9 7590.5		25 7636.5		10 7682.5
	26 7545.5		10 7591.5		26 7637.5		11 7683.5
	27 7546.5		11 7592.5		27 7638.5		12 7684.5
	28 7547.5		12 7593.5		28 7639.5		13 7685.5
	29 7548.5		13 7594.5		29 7640.5		14 7686.5
	30 7549.5		14 7595.5		30 7641.5		15 7687.5
	31 7550.5		15 7596.5		31 7642.5		16 7688.5
Aug.	1 7551.5		16 7597.5	Nov.	1 7643.5		17 7689.5
	2 7552.5		17 7598.5		2 7644.5		18 7690.5
	3 7553.5		18 7599.5		3 7645.5		19 7691.5
	4 7554.5		19 7600.5		4 7646.5		20 7692.5
	5 7555.5		20 7601.5		5 7647.5		21 7693.5
	6 7556.5		21 7602.5		6 7648.5		22 7694.5
	7 7557.5		22 7603.5		7 7649.5		23 7695.5
	8 7558.5		23 7604.5		8 7650.5		24 7696.5
	9 7559.5		24 7605.5		9 7651.5		25 7697.5
	10 7560.5		25 7606.5		10 7652.5		26 7698.5
	11 7561.5		26 7607.5		11 7653.5		27 7699.5
	12 7562.5		27 7608.5		12 7654.5		28 7700.5
	13 7563.5		28 7609.5		13 7655.5		29 7701.5
	14 7564.5		29 7610.5		14 7656.5		30 7702.5
	15 7565.5		30 7611.5		15 7657.5		31 7703.5

## JULIAN DAYS, 2009

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>248</b>		<b>248</b>		<b>248</b>		<b>248</b>
Jan.	0 7703.5	Feb.	15 7749.5	Apr.	2 7795.5	May	18 7841.5
	1 7704.5		16 7750.5		3 7796.5		19 7842.5
	2 7705.5		17 7751.5		4 7797.5		20 7843.5
	3 7706.5		18 7752.5		5 7798.5		21 7844.5
	4 7707.5		19 7753.5		6 7799.5		22 7845.5
	5 7708.5		20 7754.5		7 7800.5		23 7846.5
	6 7709.5		21 7755.5		8 7801.5		24 7847.5
	7 7710.5		22 7756.5		9 7802.5		25 7848.5
	8 7711.5		23 7757.5		10 7803.5		26 7849.5
	9 7712.5		24 7758.5		11 7804.5		27 7850.5
	10 7713.5		25 7759.5		12 7805.5		28 7851.5
	11 7714.5		26 7760.5		13 7806.5		29 7852.5
	12 7715.5		27 7761.5		14 7807.5		30 7853.5
	13 7716.5		28 7762.5		15 7808.5		31 7854.5
	14 7717.5	Mar.	1 7763.5		16 7809.5	June	1 7855.5
	15 7718.5		2 7764.5		17 7810.5		2 7856.5
	16 7719.5		3 7765.5		18 7811.5		3 7857.5
	17 7720.5		4 7766.5		19 7812.5		4 7858.5
	18 7721.5		5 7767.5		20 7813.5		5 7859.5
	19 7722.5		6 7768.5		21 7814.5		6 7860.5
	20 7723.5		7 7769.5		22 7815.5		7 7861.5
	21 7724.5		8 7770.5		23 7816.5		8 7862.5
	22 7725.5		9 7771.5		24 7817.5		9 7863.5
	23 7726.5		10 7772.5		25 7818.5		10 7864.5
	24 7727.5		11 7773.5		26 7819.5		11 7865.5
	25 7728.5		12 7774.5		27 7820.5		12 7866.5
	26 7729.5		13 7775.5		28 7821.5		13 7867.5
	27 7730.5		14 7776.5		29 7822.5		14 7868.5
	28 7731.5		15 7777.5		30 7823.5		15 7869.5
	29 7732.5		16 7778.5	May	1 7824.5		16 7870.5
	30 7733.5		17 7779.5		2 7825.5		17 7871.5
	31 7734.5		18 7780.5		3 7826.5		18 7872.5
Feb.	1 7735.5		19 7781.5		4 7827.5		19 7873.5
	2 7736.5		20 7782.5		5 7828.5		20 7874.5
	3 7737.5		21 7783.5		6 7829.5		21 7875.5
	4 7738.5		22 7784.5		7 7830.5		22 7876.5
	5 7739.5		23 7785.5		8 7831.5		23 7877.5
	6 7740.5		24 7786.5		9 7832.5		24 7878.5
	7 7741.5		25 7787.5		10 7833.5		25 7879.5
	8 7742.5		26 7788.5		11 7834.5		26 7880.5
	9 7743.5		27 7789.5		12 7835.5		27 7881.5
	10 7744.5		28 7790.5		13 7836.5		28 7882.5
	11 7745.5		29 7791.5		14 7837.5		29 7883.5
	12 7746.5		30 7792.5		15 7838.5		30 7884.5
	13 7747.5		31 7793.5		16 7839.5	July	1 7885.5
	14 7748.5	Apr.	1 7794.5		17 7840.5		2 7886.5



## JULIAN DAYS, 2009

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>248</b>		<b>248</b>		<b>248</b>		<b>248</b>
July	1 7885.5	Aug.	16 7931.5	Oct.	1 7977.5	Nov.	16 8023.5
	2 7886.5		17 7932.5		2 7978.5		17 8024.5
	3 7887.5		18 7933.5		3 7979.5		18 8025.5
	4 7888.5		19 7934.5		4 7980.5		19 8026.5
	5 7889.5		20 7935.5		5 7981.5		20 8027.5
	6 7890.5		21 7936.5		6 7982.5		21 8028.5
	7 7891.5		22 7937.5		7 7983.5		22 8029.5
	8 7892.5		23 7938.5		8 7984.5		23 8030.5
	9 7893.5		24 7939.5		9 7985.5		24 8031.5
	10 7894.5		25 7940.5		10 7986.5		25 8032.5
	11 7895.5		26 7941.5		11 7987.5		26 8033.5
	12 7896.5		27 7942.5		12 7988.5		27 8034.5
	13 7897.5		28 7943.5		13 7989.5		28 8035.5
	14 7898.5		29 7944.5		14 7990.5		29 8036.5
	15 7899.5		30 7945.5		15 7991.5		30 8037.5
	16 7900.5		31 7946.5		16 7992.5	Dec.	1 8038.5
	17 7901.5	Sept.	1 7947.5		17 7993.5		2 8039.5
	18 7902.5		2 7948.5		18 7994.5		3 8040.5
	19 7903.5		3 7949.5		19 7995.5		4 8041.5
	20 7904.5		4 7950.5		20 7996.5		5 8042.5
	21 7905.5		5 7951.5		21 7997.5		6 8043.5
	22 7906.5		6 7952.5		22 7998.5		7 8044.5
	23 7907.5		7 7953.5		23 7999.5		8 8045.5
	24 7908.5		8 7954.5		24 8000.5		9 8046.5
	25 7909.5		9 7955.5		25 8001.5		10 8047.5
	26 7910.5		10 7956.5		26 8002.5		11 8048.5
	27 7911.5		11 7957.5		27 8003.5		12 8049.5
	28 7912.5		12 7958.5		28 8004.5		13 8050.5
	29 7913.5		13 7959.5		29 8005.5		14 8051.5
	30 7914.5		14 7960.5		30 8006.5		15 8052.5
	31 7915.5		15 7961.5		31 8007.5		16 8053.5
Aug.	1 7916.5		16 7962.5	Nov.	1 8008.5		17 8054.5
	2 7917.5		17 7963.5		2 8009.5		18 8055.5
	3 7918.5		18 7964.5		3 8010.5		19 8056.5
	4 7919.5		19 7965.5		4 8011.5		20 8057.5
	5 7920.5		20 7966.5		5 8012.5		21 8058.5
	6 7921.5		21 7967.5		6 8013.5		22 8059.5
	7 7922.5		22 7968.5		7 8014.5		23 8060.5
	8 7923.5		23 7969.5		8 8015.5		24 8061.5
	9 7924.5		24 7970.5		9 8016.5		25 8062.5
	10 7925.5		25 7971.5		10 8017.5		26 8063.5
	11 7926.5		26 7972.5		11 8018.5		27 8064.5
	12 7927.5		27 7973.5		12 8019.5		28 8065.5
	13 7928.5		28 7974.5		13 8020.5		29 8066.5
	14 7929.5		29 7975.5		14 8021.5		30 8067.5
	15 7930.5		30 7976.5		15 8022.5		31 8068.5

## JULIAN DAYS, 2100

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>248</b>		<b>248</b>		<b>248</b>		<b>248</b>
Jan.	0 <b>8068.5</b>	Feb.	15 <b>8114.5</b>	Apr.	2 <b>8160.5</b>	May	18 <b>8206.5</b>
	1 <b>8069.5</b>		16 <b>8115.5</b>		3 <b>8161.5</b>		19 <b>8207.5</b>
	2 <b>8070.5</b>		17 <b>8116.5</b>		4 <b>8162.5</b>		20 <b>8208.5</b>
	3 <b>8071.5</b>		18 <b>8117.5</b>		5 <b>8163.5</b>		21 <b>8209.5</b>
	4 <b>8072.5</b>		19 <b>8118.5</b>		6 <b>8164.5</b>		22 <b>8210.5</b>
	5 <b>8073.5</b>		20 <b>8119.5</b>		7 <b>8165.5</b>		23 <b>8211.5</b>
	6 <b>8074.5</b>		21 <b>8120.5</b>		8 <b>8166.5</b>		24 <b>8212.5</b>
	7 <b>8075.5</b>		22 <b>8121.5</b>		9 <b>8167.5</b>		25 <b>8213.5</b>
	8 <b>8076.5</b>		23 <b>8122.5</b>		10 <b>8168.5</b>		26 <b>8214.5</b>
	9 <b>8077.5</b>		24 <b>8123.5</b>		11 <b>8169.5</b>		27 <b>8215.5</b>
	10 <b>8078.5</b>		25 <b>8124.5</b>		12 <b>8170.5</b>		28 <b>8216.5</b>
	11 <b>8079.5</b>		26 <b>8125.5</b>		13 <b>8171.5</b>		29 <b>8217.5</b>
	12 <b>8080.5</b>		27 <b>8126.5</b>		14 <b>8172.5</b>		30 <b>8218.5</b>
	13 <b>8081.5</b>		28 <b>8127.5</b>		15 <b>8173.5</b>		31 <b>8219.5</b>
	14 <b>8082.5</b>	Mar.	1 <b>8128.5</b>		16 <b>8174.5</b>	June	1 <b>8220.5</b>
	15 <b>8083.5</b>		2 <b>8129.5</b>		17 <b>8175.5</b>		2 <b>8221.5</b>
	16 <b>8084.5</b>		3 <b>8130.5</b>		18 <b>8176.5</b>		3 <b>8222.5</b>
	17 <b>8085.5</b>		4 <b>8131.5</b>		19 <b>8177.5</b>		4 <b>8223.5</b>
	18 <b>8086.5</b>		5 <b>8132.5</b>		20 <b>8178.5</b>		5 <b>8224.5</b>
	19 <b>8087.5</b>		6 <b>8133.5</b>		21 <b>8179.5</b>		6 <b>8225.5</b>
	20 <b>8088.5</b>		7 <b>8134.5</b>		22 <b>8180.5</b>		7 <b>8226.5</b>
	21 <b>8089.5</b>		8 <b>8135.5</b>		23 <b>8181.5</b>		8 <b>8227.5</b>
	22 <b>8090.5</b>		9 <b>8136.5</b>		24 <b>8182.5</b>		9 <b>8228.5</b>
	23 <b>8091.5</b>		10 <b>8137.5</b>		25 <b>8183.5</b>		10 <b>8229.5</b>
	24 <b>8092.5</b>		11 <b>8138.5</b>		26 <b>8184.5</b>		11 <b>8230.5</b>
	25 <b>8093.5</b>		12 <b>8139.5</b>		27 <b>8185.5</b>		12 <b>8231.5</b>
	26 <b>8094.5</b>		13 <b>8140.5</b>		28 <b>8186.5</b>		13 <b>8232.5</b>
	27 <b>8095.5</b>		14 <b>8141.5</b>		29 <b>8187.5</b>		14 <b>8233.5</b>
	28 <b>8096.5</b>		15 <b>8142.5</b>		30 <b>8188.5</b>		15 <b>8234.5</b>
	29 <b>8097.5</b>		16 <b>8143.5</b>	May	1 <b>8189.5</b>		16 <b>8235.5</b>
	30 <b>8098.5</b>		17 <b>8144.5</b>		2 <b>8190.5</b>		17 <b>8236.5</b>
	31 <b>8099.5</b>		18 <b>8145.5</b>		3 <b>8191.5</b>		18 <b>8237.5</b>
Feb.	1 <b>8100.5</b>		19 <b>8146.5</b>		4 <b>8192.5</b>		19 <b>8238.5</b>
	2 <b>8101.5</b>		20 <b>8147.5</b>		5 <b>8193.5</b>		20 <b>8239.5</b>
	3 <b>8102.5</b>		21 <b>8148.5</b>		6 <b>8194.5</b>		21 <b>8240.5</b>
	4 <b>8103.5</b>		22 <b>8149.5</b>		7 <b>8195.5</b>		22 <b>8241.5</b>
	5 <b>8104.5</b>		23 <b>8150.5</b>		8 <b>8196.5</b>		23 <b>8242.5</b>
	6 <b>8105.5</b>		24 <b>8151.5</b>		9 <b>8197.5</b>		24 <b>8243.5</b>
	7 <b>8106.5</b>		25 <b>8152.5</b>		10 <b>8198.5</b>		25 <b>8244.5</b>
	8 <b>8107.5</b>		26 <b>8153.5</b>		11 <b>8199.5</b>		26 <b>8245.5</b>
	9 <b>8108.5</b>		27 <b>8154.5</b>		12 <b>8200.5</b>		27 <b>8246.5</b>
	10 <b>8109.5</b>		28 <b>8155.5</b>		13 <b>8201.5</b>		28 <b>8247.5</b>
	11 <b>8110.5</b>		29 <b>8156.5</b>		14 <b>8202.5</b>		29 <b>8248.5</b>
	12 <b>8111.5</b>		30 <b>8157.5</b>		15 <b>8203.5</b>		30 <b>8249.5</b>
	13 <b>8112.5</b>		31 <b>8158.5</b>		16 <b>8204.5</b>	July	1 <b>8250.5</b>
	14 <b>8113.5</b>	Apr.	1 <b>8159.5</b>		17 <b>8205.5</b>		2 <b>8251.5</b>

## JULIAN DAYS, 2100

Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day	Date 0 <sup>h</sup> UT	Julian Day
	<b>248</b>		<b>248</b>		<b>248</b>		<b>248</b>
July	1 <b>8250.5</b>	Aug.	16 <b>8296.5</b>	Oct.	1 <b>8342.5</b>	Nov.	16 <b>8388.5</b>
	2 <b>8251.5</b>		17 <b>8297.5</b>		2 <b>8343.5</b>		17 <b>8389.5</b>
	3 <b>8252.5</b>		18 <b>8298.5</b>		3 <b>8344.5</b>		18 <b>8390.5</b>
	4 <b>8253.5</b>		19 <b>8299.5</b>		4 <b>8345.5</b>		19 <b>8391.5</b>
	5 <b>8254.5</b>		20 <b>8300.5</b>		5 <b>8346.5</b>		20 <b>8392.5</b>
	6 <b>8255.5</b>		21 <b>8301.5</b>		6 <b>8347.5</b>		21 <b>8393.5</b>
	7 <b>8256.5</b>		22 <b>8302.5</b>		7 <b>8348.5</b>		22 <b>8394.5</b>
	8 <b>8257.5</b>		23 <b>8303.5</b>		8 <b>8349.5</b>		23 <b>8395.5</b>
	9 <b>8258.5</b>		24 <b>8304.5</b>		9 <b>8350.5</b>		24 <b>8396.5</b>
	10 <b>8259.5</b>		25 <b>8305.5</b>		10 <b>8351.5</b>		25 <b>8397.5</b>
	11 <b>8260.5</b>		26 <b>8306.5</b>		11 <b>8352.5</b>		26 <b>8398.5</b>
	12 <b>8261.5</b>		27 <b>8307.5</b>		12 <b>8353.5</b>		27 <b>8399.5</b>
	13 <b>8262.5</b>		28 <b>8308.5</b>		13 <b>8354.5</b>		28 <b>8400.5</b>
	14 <b>8263.5</b>		29 <b>8309.5</b>		14 <b>8355.5</b>		29 <b>8401.5</b>
	15 <b>8264.5</b>		30 <b>8310.5</b>		15 <b>8356.5</b>		30 <b>8402.5</b>
	16 <b>8265.5</b>		31 <b>8311.5</b>		16 <b>8357.5</b>	Dec.	1 <b>8403.5</b>
	17 <b>8266.5</b>	Sept.	1 <b>8312.5</b>		17 <b>8358.5</b>		2 <b>8404.5</b>
	18 <b>8267.5</b>		2 <b>8313.5</b>		18 <b>8359.5</b>		3 <b>8405.5</b>
	19 <b>8268.5</b>		3 <b>8314.5</b>		19 <b>8360.5</b>		4 <b>8406.5</b>
	20 <b>8269.5</b>		4 <b>8315.5</b>		20 <b>8361.5</b>		5 <b>8407.5</b>
	21 <b>8270.5</b>		5 <b>8316.5</b>		21 <b>8362.5</b>		6 <b>8408.5</b>
	22 <b>8271.5</b>		6 <b>8317.5</b>		22 <b>8363.5</b>		7 <b>8409.5</b>
	23 <b>8272.5</b>		7 <b>8318.5</b>		23 <b>8364.5</b>		8 <b>8410.5</b>
	24 <b>8273.5</b>		8 <b>8319.5</b>		24 <b>8365.5</b>		9 <b>8411.5</b>
	25 <b>8274.5</b>		9 <b>8320.5</b>		25 <b>8366.5</b>		10 <b>8412.5</b>
	26 <b>8275.5</b>		10 <b>8321.5</b>		26 <b>8367.5</b>		11 <b>8413.5</b>
	27 <b>8276.5</b>		11 <b>8322.5</b>		27 <b>8368.5</b>		12 <b>8414.5</b>
	28 <b>8277.5</b>		12 <b>8323.5</b>		28 <b>8369.5</b>		13 <b>8415.5</b>
	29 <b>8278.5</b>		13 <b>8324.5</b>		29 <b>8370.5</b>		14 <b>8416.5</b>
	30 <b>8279.5</b>		14 <b>8325.5</b>		30 <b>8371.5</b>		15 <b>8417.5</b>
	31 <b>8280.5</b>		15 <b>8326.5</b>		31 <b>8372.5</b>		16 <b>8418.5</b>
Aug.	1 <b>8281.5</b>		16 <b>8327.5</b>	Nov.	1 <b>8373.5</b>		17 <b>8419.5</b>
	2 <b>8282.5</b>		17 <b>8328.5</b>		2 <b>8374.5</b>		18 <b>8420.5</b>
	3 <b>8283.5</b>		18 <b>8329.5</b>		3 <b>8375.5</b>		19 <b>8421.5</b>
	4 <b>8284.5</b>		19 <b>8330.5</b>		4 <b>8376.5</b>		20 <b>8422.5</b>
	5 <b>8285.5</b>		20 <b>8331.5</b>		5 <b>8377.5</b>		21 <b>8423.5</b>
	6 <b>8286.5</b>		21 <b>8332.5</b>		6 <b>8378.5</b>		22 <b>8424.5</b>
	7 <b>8287.5</b>		22 <b>8333.5</b>		7 <b>8379.5</b>		23 <b>8425.5</b>
	8 <b>8288.5</b>		23 <b>8334.5</b>		8 <b>8380.5</b>		24 <b>8426.5</b>
	9 <b>8289.5</b>		24 <b>8335.5</b>		9 <b>8381.5</b>		25 <b>8427.5</b>
	10 <b>8290.5</b>		25 <b>8336.5</b>		10 <b>8382.5</b>		26 <b>8428.5</b>
	11 <b>8291.5</b>		26 <b>8337.5</b>		11 <b>8383.5</b>		27 <b>8429.5</b>
	12 <b>8292.5</b>		27 <b>8338.5</b>		12 <b>8384.5</b>		28 <b>8430.5</b>
	13 <b>8293.5</b>		28 <b>8339.5</b>		13 <b>8385.5</b>		29 <b>8431.5</b>
	14 <b>8294.5</b>		29 <b>8340.5</b>		14 <b>8386.5</b>		30 <b>8432.5</b>
	15 <b>8295.5</b>		30 <b>8341.5</b>		15 <b>8387.5</b>		31 <b>8433.5</b>