

SWISS EPHEMERIS for the year 1543

JANUARY 1543 JC

00:00 UT

| Day | Sid.t   | ☉         | ☽         | ♀         | ♁         | ♂         | ♃         | ♄         | ♅         | ♆         | ♇         | ♈         | ♉         | ♊         | ♋         | ♌ | ♍ |
|-----|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---|---|
| M 1 | 7 18 5  | 20°05'58" | 23°07'11" | 2°05'58"  | 3°05'15"  | 9°08'38"  | 28°05'38" | 18°08'36" | 29°02'26" | 17°05'53" | 15°05'38" | 22°07'07" | 23°05'25" | 29°05'05" | 13°05'59" |   |   |
| T 2 | 7 22 1  | 21°02'05" | 23°07'24" | 1°05'53"  | 4°03'31"  | 10°02'24" | 28°04'44" | 18°04'40" | 29°02'24" | 17°05'54" | 15°04'40" | 22°03'03" | 23°02'22" | 29°02'12" | 13°05'58" |   |   |
| W 3 | 7 25 58 | 22°03'12" | 21°03'37" | 1°05'50"  | 5°04'46"  | 11°01'09" | 28°05'50" | 18°04'45" | 29°02'22" | 17°05'54" | 15°04'41" | 21°05'58" | 23°01'19" | 29°01'18" | 13°05'57" |   |   |
| T 4 | 7 29 54 | 23°04'19" | 5°03'41"  | 1°05'55"  | 7°01'01"  | 11°05'55" | 28°05'56" | 18°04'49" | 29°02'20" | 17°05'55" | 15°04'43" | 21°05'53" | 23°01'16" | 29°02'25" | 13°05'57" |   |   |
| F 5 | 7 33 51 | 24°05'25" | 19°03'22" | 2°08'08"  | 8°01'16"  | 12°04'12" | 29°01'29" | 18°05'53" | 29°01'18" | 17°05'55" | 15°04'45" | 21°04'49" | 23°01'12" | 29°02'32" | 13°05'56" |   |   |
| S 6 | 7 37 47 | 25°06'30" | 3°06'36"  | 2°02'28"  | 9°03'31"  | 13°02'26" | 29°07'29" | 18°05'58" | 29°01'16" | 17°05'56" | 15°04'46" | 21°04'47" | 23°00'09" | 29°02'39" | 13°05'55" |   |   |
| S 7 | 7 41 44 | 26°07'34" | 16°02'21" | 2°05'54"  | 10°04'47" | 14°01'12" | 29°01'29" | 19°02'02" | 29°01'14" | 17°05'56" | 15°04'48" | 21°04'45" | 23°00'06" | 29°02'45" | 13°05'55" |   |   |
| M 8 | 7 45 41 | 27°08'38" | 29°01'16" | 3°02'26"  | 12°02'02" | 14°05'57" | 29°01'17" | 19°02'06" | 29°01'12" | 17°05'57" | 15°04'50" | 21°04'46" | 23°00'03" | 29°02'52" | 13°05'55" |   |   |
| T 9 | 7 49 37 | 28°09'40" | 11°05'51" | 4°03'13"  | 13°01'17" | 15°04'43" | 29°02'22" | 19°01'10" | 29°01'10" | 17°05'58" | 15°05'51" | 21°04'47" | 23°00'00" | 29°02'59" | 13°05'54" |   |   |
| W10 | 7 53 34 | 29°10'41" | 24°01'10" | 4°04'45"  | 14°03'22" | 16°02'28" | 29°02'27" | 19°01'13" | 29°00'08" | 17°05'58" | 15°05'53" | 21°04'48" | 22°59'08" | 0°05'13"  | 13°05'54" |   |   |
| T11 | 7 57 30 | 0°11'42"  | 6°05'16"  | 5°03'15"  | 15°04'47" | 17°01'14" | 29°03'32" | 19°01'17" | 29°00'06" | 17°05'59" | 15°05'55" | 21°05'50" | 22°59'05" | 0°12'13"  | 13°05'54" |   |   |
| F12 | 8 1 27  | 1°12'41"  | 18°01'12" | 6°02'22"  | 17°01'03" | 17°05'59" | 29°03'36" | 19°02'21" | 29°00'04" | 18°00'00" | 15°05'56" | 21°05'51" | 22°59'00" | 0°19'13"  | 13°05'54" |   |   |
| S13 | 8 5 23  | 2°13'39"  | 0°08'04"  | 7°01'16"  | 18°01'18" | 18°04'45" | 29°04'00" | 19°02'25" | 29°00'01" | 18°00'01" | 15°05'58" | 21°05'52" | 22°47'02" | 0°26'13"  | 13°05'54" |   |   |
| S14 | 8 9 20  | 3°14'35"  | 11°05'57" | 8°01'13"  | 19°03'33" | 19°03'30" | 29°04'44" | 19°02'28" | 28°05'59" | 18°00'02" | 16°00'00" | 21°05'52" | 22°44'00" | 0°32'13"  | 13°05'54" |   |   |
| M15 | 8 13 16 | 4°15'31"  | 23°05'55" | 9°01'13"  | 20°04'48" | 20°05'15" | 29°04'48" | 19°03'32" | 28°05'57" | 18°00'03" | 16°00'02" | 21°05'51" | 22°41'00" | 0°39'13"  | 13°05'54" |   |   |
| T16 | 8 17 13 | 5°16'25"  | 6°02'11"  | 10°01'16" | 22°02'03" | 21°01'01" | 29°05'22" | 19°03'35" | 28°05'55" | 18°00'03" | 16°00'03" | 21°04'49" | 22°37'00" | 0°46'13"  | 13°05'54" |   |   |
| W17 | 8 21 10 | 6°17'18"  | 18°02'23" | 11°02'21" | 23°01'18" | 21°04'46" | 29°05'56" | 19°03'38" | 28°05'52" | 18°00'04" | 16°00'05" | 21°04'46" | 22°34'00" | 0°52'13"  | 13°05'54" |   |   |
| T18 | 8 25 6  | 7°18'09"  | 1°06'01"  | 12°02'28" | 24°03'34" | 22°03'31" | 29°05'59" | 19°04'41" | 28°05'50" | 18°00'05" | 16°00'07" | 21°04'44" | 22°31'00" | 0°59'13"  | 13°05'55" |   |   |
| F19 | 8 29 3  | 8°18'59"  | 13°05'57" | 13°03'38" | 25°04'49" | 23°01'16" | 0°05'22"  | 19°04'44" | 28°04'47" | 18°00'06" | 16°00'09" | 21°04'42" | 22°28'00" | 1°06'13"  | 13°05'55" |   |   |
| S20 | 8 32 59 | 9°19'48"  | 27°01'12" | 14°05'50" | 27°00'04" | 24°02'02" | 0°05'50"  | 19°04'47" | 28°04'45" | 18°00'07" | 16°00'10" | 21°04'41" | 22°25'00" | 1°13'13"  | 13°05'56" |   |   |
| S21 | 8 36 56 | 10°20'36" | 10°04'54" | 16°03'28" | 28°01'19" | 24°02'47" | 0°08'08"  | 19°05'50" | 28°04'43" | 18°00'08" | 16°00'12" | 21°04'40" | 22°22'00" | 1°19'13"  | 13°05'56" |   |   |
| M22 | 8 40 52 | 11°21'22" | 24°03'15" | 17°01'18" | 29°03'34" | 25°02'32" | 0°11'11"  | 19°05'53" | 28°04'40" | 18°00'10" | 16°00'14" | 21°04'40" | 22°18'00" | 1°26'13"  | 13°05'57" |   |   |
| T23 | 8 44 49 | 12°22'07" | 8°03'36"  | 18°03'34" | 0°04'49"  | 26°02'17" | 0°13'13"  | 19°05'56" | 28°03'38" | 18°00'11" | 16°00'16" | 21°04'40" | 22°15'00" | 1°33'13"  | 13°05'57" |   |   |
| W24 | 8 48 45 | 13°22'51" | 22°04'48" | 19°05'52" | 2°04'27"  | 27°02'02" | 0°16'16"  | 19°05'58" | 28°03'35" | 18°00'12" | 16°00'17" | 21°04'41" | 22°12'00" | 1°39'13"  | 13°05'58" |   |   |
| T25 | 8 52 42 | 14°23'34" | 7°05'21"  | 21°05'12" | 3°02'20"  | 27°02'47" | 0°18'18"  | 20°01'01" | 28°03'33" | 18°00'13" | 16°00'19" | 21°04'41" | 22°09'00" | 1°46'13"  | 13°05'59" |   |   |
| F26 | 8 56 39 | 15°24'15" | 21°02'23" | 22°03'32" | 4°03'35"  | 28°02'32" | 0°20'20"  | 20°01'03" | 28°03'30" | 18°00'14" | 16°00'21" | 21°04'42" | 22°06'00" | 1°53'13"  | 14°00'00" |   |   |
| S27 | 9 0 35  | 16°24'56" | 5°05'39"  | 23°05'54" | 5°05'50"  | 29°01'17" | 0°22'22"  | 20°01'06" | 28°02'28" | 18°00'16" | 16°00'23" | 21°04'42" | 22°03'00" | 2°00'13"  | 14°00'01" |   |   |
| S28 | 9 4 32  | 17°25'35" | 19°05'51" | 25°05'17" | 7°05'07"  | 0°02'22"  | 0°23'23"  | 20°01'08" | 28°02'25" | 18°00'17" | 16°00'24" | 21°04'42" | 21°59'00" | 2°06'13"  | 14°00'02" |   |   |
| M29 | 9 8 28  | 18°26'14" | 3°07'55"  | 26°04'42" | 8°02'00"  | 0°04'47"  | 0°25'25"  | 20°01'10" | 28°02'23" | 18°00'18" | 16°00'26" | 21°04'42" | 21°56'00" | 2°13'13"  | 14°00'03" |   |   |
| T30 | 9 12 25 | 19°26'51" | 17°05'52" | 28°00'07" | 9°03'35"  | 1°03'31"  | 0°26'26"  | 20°01'12" | 28°02'20" | 18°00'20" | 16°00'28" | 21°04'42" | 21°53'00" | 2°20'13"  | 14°00'04" |   |   |
| W31 | 9 16 21 | 20°27'27" | 1°03'38"  | 29°03'33" | 10°05'50" | 2°05'16"  | 0°05'27"  | 20°01'14" | 28°02'17" | 18°00'21" | 16°00'30" | 21°04'42" | 21°50'00" | 2°26'13"  | 14°00'05" |   |   |

Delta T = 141.52 sec. Julian Calendar 1 Jan. 1543 == Greg. Calendar 11 Jan. 1543

FEBRUARY 1543 JC

00:00 UT

| Day | Sid.t    | ☉            | ☽         | ♀         | ♁         | ♂         | ♃         | ♄         | ♅         | ♆         | ♇         | ♈         | ♉         | ♊        | ♋         | ♌ | ♍ |
|-----|----------|--------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-----------|---|---|
| T 1 | 9 20 18  | 21°28'02"    | 15°03'13" | 1°06'11"  | 12°05'12" | 3°05'07"  | 0°05'28"  | 20°01'16" | 28°01'15" | 18°02'22" | 16°03'31" | 21°04'42" | 21°04'47" | 2°03'33" | 14°00'06" |   |   |
| F 2 | 9 24 14  | 22°28'35"    | 28°03'35" | 2°02'29"  | 13°05'20" | 3°04'46"  | 0°02'28"  | 20°01'18" | 28°01'12" | 18°02'24" | 16°03'33" | 21°04'42" | 21°04'43" | 2°04'00" | 14°00'08" |   |   |
| S 3 | 9 28 11  | 23°29'07"    | 11°04'45" | 3°05'59"  | 14°05'35" | 4°03'30"  | 0°02'29"  | 20°01'19" | 28°01'10" | 18°02'25" | 16°03'35" | 21°04'42" | 21°04'40" | 2°04'47" | 14°00'09" |   |   |
| S 4 | 9 32 8   | 24°29'37"    | 24°04'40" | 5°05'29"  | 15°05'50" | 5°05'15"  | 0°02'29"  | 20°02'21" | 28°00'07" | 18°02'27" | 16°03'37" | 21°04'42" | 21°03'37" | 2°05'53" | 14°00'10" |   |   |
| M 5 | 9 36 4   | 25°30'06"    | 7°05'21"  | 7°01'17"  | 17°05'00" | 6°00'00"  | 0°02'29"  | 20°02'22" | 28°00'04" | 18°02'28" | 16°03'38" | 21°04'42" | 21°03'34" | 3°00'00" | 14°00'12" |   |   |
| T 6 | 9 40 1   | 26°30'33"    | 19°04'48" | 8°03'33"  | 18°05'20" | 6°04'44"  | 0°02'29"  | 20°02'24" | 28°00'02" | 18°03'30" | 16°03'40" | 21°04'41" | 21°03'31" | 3°00'07" | 14°00'14" |   |   |
| W 7 | 9 43 57  | 27°30'58"    | 2°05'27"  | 10°07'19" | 19°05'35" | 7°02'29"  | 0°02'29"  | 20°02'25" | 27°05'59" | 18°03'31" | 16°03'42" | 21°04'41" | 21°02'28" | 3°01'13" | 14°00'15" |   |   |
| T 8 | 9 47 54  | 28°31'21"    | 14°07'11" | 11°04'41" | 20°05'50" | 8°01'13"  | 0°02'28"  | 20°02'26" | 27°05'56" | 18°03'33" | 16°03'44" | 21°04'40" | 21°02'24" | 3°02'20" | 14°00'17" |   |   |
| F 9 | 9 51 50  | 29°31'42"    | 26°03'13" | 13°01'17" | 22°05'22" | 8°05'58"  | 0°02'28"  | 20°02'27" | 27°05'54" | 18°03'34" | 16°03'45" | 21°03'39" | 21°02'21" | 3°02'27" | 14°00'19" |   |   |
| S10 | 9 55 47  | 0°03'22'02"  | 7°08'56"  | 14°05'53" | 23°05'20" | 9°04'42"  | 0°02'27"  | 20°02'28" | 27°05'51" | 18°03'36" | 16°03'47" | 21°03'38" | 21°01'18" | 3°03'34" | 14°00'21" |   |   |
| S11 | 9 59 43  | 1°03'22'19"  | 19°04'48" | 16°03'30" | 24°05'35" | 10°02'26" | 0°02'26"  | 20°02'29" | 27°05'49" | 18°03'38" | 16°03'49" | 21°03'37" | 21°01'15" | 3°04'40" | 14°00'22" |   |   |
| M12 | 10 3 40  | 2°03'22'35"  | 1°04'44"  | 18°00'09" | 25°05'50" | 11°01'11" | 0°02'24"  | 20°03'30" | 27°05'46" | 18°03'39" | 16°03'51" | 21°03'37" | 21°01'12" | 3°05'47" | 14°00'24" |   |   |
| T13 | 10 7 37  | 3°03'22'48"  | 13°05'50" | 19°04'48" | 27°05'00" | 11°05'55" | 0°02'23"  | 20°03'30" | 27°05'43" | 18°04'41" | 16°03'52" | 21°03'37" | 21°00'08" | 3°06'54" | 14°00'26" |   |   |
| W14 | 10 11 33 | 4°03'22'59"  | 26°09'21" | 21°02'29" | 28°05'20" | 12°03'39" | 0°02'21"  | 20°03'31" | 27°05'41" | 18°04'43" | 16°03'54" | 21°03'38" | 21°00'05" | 4°00'00" | 14°00'28" |   |   |
| T15 | 10 15 30 | 5°03'23'09"  | 8°05'46"  | 23°01'10" | 29°05'35" | 13°02'24" | 0°02'20"  | 20°03'31" | 27°05'38" | 18°04'45" | 16°03'56" | 21°03'39" | 21°00'02" | 4°01'14" | 14°00'31" |   |   |
| F16 | 10 19 26 | 6°03'23'16"  | 21°04'44" | 24°05'53" | 0°05'50"  | 14°00'08" | 0°01'18"  | 20°03'32" | 27°05'36" | 18°04'46" | 16°03'57" | 21°04'40" | 20°59'59" | 4°01'47" | 14°00'33" |   |   |
| S17 | 10 23 23 | 7°03'23'21"  | 5°01'26"  | 26°03'36" | 2°05'14"  | 14°05'52" | 0°01'15"  | 20°03'32" | 27°05'33" | 18°04'48" | 16°03'59" | 21°04'41" | 20°59'56" | 4°02'21" | 14°00'35" |   |   |
| S18 | 10 27 19 | 8°03'23'24"  | 18°05'51" | 28°02'21" | 3°02'20"  | 15°03'36" | 0°01'13"  | 20°03'32" | 27°05'30" | 18°05'50" | 17°00'01" | 21°04'42" | 20°59'53" | 4°02'27" | 14°00'37" |   |   |
| M19 | 10 31 16 | 9°03'23'25"  | 3°03'30"  | 0°05'47"  | 4°03'35"  | 16°02'20" | 0°01'11"  | 20°03'32" | 27°05'28" | 18°05'52" | 17°00'02" | 21°04'42" | 20°49'59" | 4°03'34" | 14°00'40" |   |   |
| T20 | 10 35 12 | 10°03'23'24" | 17°02'27" | 1°05'54"  | 5°04'49"  | 17°00'04" | 0°00'08"  | 20°03'32" | 27°05'25" | 18°05'54" | 17°00'04" | 21°04'40" | 20°46'59" | 4°04'41" | 14°00'42" |   |   |
| W21 | 10 39 9  | 11°03'23'21" | 2°05'22"  | 3°04'42"  | 7°00'04"  | 17°04'48" | 0°00'05"  | 20°03'32" | 27°05'23" | 18°05'55" | 17°00'06" | 21°03'38" | 20°43'59" | 4°05'47" | 14°00'45" |   |   |
| T22 | 10 43 6  | 12°03'23'16" | 16°05'54" | 5°03'15"  | 8°01'19"  | 18°03'32" | 0°00'02"  | 20°03'31" | 27°05'20" | 18°05'57" | 17°00'07" | 21°03'35" | 20°40'59" | 4°06'54" | 14°00'47" |   |   |
| F23 | 10 47 2  | 13°03'23'10" | 1°05'38"  | 7°02'21"  | 9°03'34"  | 19°01'16" | 29°05'59" | 20°03'31" | 27°05'18" | 18°05'59" | 17°00'09" | 21°03'33" | 20°37'59" | 5°00'01" | 14°00'50" |   |   |
| S24 | 10 50 59 | 14°03'23'02" | 16°01'15" | 9°01'13"  | 10°04'49" | 19°05'59" | 29°05'55" | 20°03'30" | 27°05'15" | 19°00'01" | 17°00'10" | 21°03'30" | 20°34'59" | 5°00'08" | 14°00'52" |   |   |
| S25 | 10 54 55 | 15°03'22'52" | 0°07'38"  | 11°05'00" | 12°03'03" | 20°04'43" | 29°05'52" | 20°03'30" | 27°05'13" | 19°00'03" | 17°00'12" | 21°02'28" | 20°30'59" | 5°01'14" | 14°00'55" |   |   |
| M26 | 10 58 52 | 16°03'22'41" | 14°04'45" | 12°05'59" | 13°01'18" | 21°02'27" | 29°04'48" | 20°02'29" | 27°05'10" | 19°00'05" | 17°00'14" | 21°02'27" | 20°27'59" | 5°02'21" | 14°00'58" |   |   |
| T27 | 11 2 48  | 17°03'22'28" | 28°03'33" | 14°05'54" | 14°03'33" |           |           |           |           |           |           |           |           |          |           |   |   |

SWISS EPHEMERIS for the year 1543

MARCH 1543 JC

00:00 UT

| Day  | Sid.t    | ☉                     | ☽                   | ♀                  | ♁                  | ♂                  | ♃                  | ♄                  | ♅                 | ♆                  | ♇                  | ♈                  | ♉                  | ♊                 | ♋                  | ♌ | ♍ |
|------|----------|-----------------------|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-------------------|--------------------|--------------------|--------------------|--------------------|-------------------|--------------------|---|---|
| T 1  | 11 10 41 | 19 <del>℞</del> 31'57 | 25 <del>♁</del> 19  | 18 <del>℞</del> 46 | 17 <del>℞</del> 2  | 23 <del>♃</del> 38 | 29°R36             | 20°R27             | 27°R 3            | 19 <del>♃</del> 11 | 17 <del>♁</del> 18 | 21 <del>♁</del> 31 | 20 <del>♁</del> 18 | 5 <del>♁</del> 41 | 15 <del>♁</del> 6  |   |   |
| F 2  | 11 14 38 | 20°31'38              | 8 <del>♁</del> 18   | 20°44              | 18°17              | 24°21              | 29 <del>♁</del> 31 | 20 <del>♁</del> 25 | 27 <del>♁</del> 1 | 19°13              | 17°20              | 21°32              | 20°14              | 5°48              | 15° 9              |   |   |
| S 3  | 11 18 35 | 21°31'18              | 21° 4               | 22°43              | 19°32              | 25° 5              | 29°27              | 20°24              | 26°59             | 19°15              | 17°21              | 21°R33             | 20°11              | 5°55              | 15°12              |   |   |
| S 4  | 11 22 31 | 22°30'56              | 3 <del>℞</del> 38   | 24°42              | 20°47              | 25°48              | 29°22              | 20°23              | 26°56             | 19°17              | 17°23              | 21°32              | 20° 8              | 6° 1              | 15°15              |   |   |
| M 5  | 11 26 28 | 23°30'32              | 16° 2               | 26°42              | 22° 1              | 26°32              | 29°17              | 20°22              | 26°54             | 19°19              | 17°24              | 21°30              | 20° 5              | 6° 8              | 15°18              |   |   |
| T 6  | 11 30 24 | 24°30'06              | 28°17               | 28°43              | 23°16              | 27°15              | 29°12              | 20°20              | 26°52             | 19°21              | 17°26              | 21°26              | 20° 2              | 6°15              | 15°22              |   |   |
| W 7  | 11 34 21 | 25°29'38              | 10 <del>♃</del> 23  | 0 <del>♃</del> 44  | 24°31              | 27°58              | 29° 7              | 20°19              | 26°50             | 19°23              | 17°27              | 21°20              | 19°59              | 6°22              | 15°25              |   |   |
| T 8  | 11 38 17 | 26°29'07              | 22°22               | 2°45               | 25°45              | 28°42              | 29° 1              | 20°17              | 26°47             | 19°26              | 17°29              | 21°14              | 19°55              | 6°28              | 15°28              |   |   |
| F 9  | 11 42 14 | 27°28'35              | 4 <del>♁</del> 17   | 4°47               | 27° 0              | 29°25              | 28°56              | 20°15              | 26°45             | 19°28              | 17°30              | 21° 7              | 19°52              | 6°35              | 15°31              |   |   |
| S 10 | 11 46 10 | 28°28'00              | 16° 9               | 6°48               | 28°14              | 0 <del>♁</del> 8   | 28°50              | 20°13              | 26°43             | 19°30              | 17°32              | 21° 1              | 19°49              | 6°42              | 15°35              |   |   |
| S 11 | 11 50 7  | 29°27'24              | 28° 0               | 8°48               | 29°29              | 0°51               | 28°44              | 20°11              | 26°41             | 19°32              | 17°33              | 20°55              | 19°46              | 6°48              | 15°38              |   |   |
| M12  | 11 54 4  | 0 <del>♃</del> 26'45  | 9 <del>♁</del> 56   | 10°47              | 0 <del>♃</del> 44  | 1°34               | 28°39              | 20° 9              | 26°39             | 19°34              | 17°34              | 20°51              | 19°43              | 6°55              | 15°41              |   |   |
| T 13 | 11 58 0  | 1°26'03               | 21°59               | 12°45              | 1°58               | 2°17               | 28°33              | 20° 7              | 26°37             | 19°36              | 17°36              | 20°49              | 19°40              | 7° 2              | 15°45              |   |   |
| W14  | 12 1 57  | 2°25'20               | 4 <del>♁</del> 14   | 14°42              | 3°13               | 3° 0               | 28°26              | 20° 5              | 26°35             | 19°39              | 17°37              | 20°D48             | 19°36              | 7° 9              | 15°48              |   |   |
| T 15 | 12 5 53  | 3°24'34               | 16°46               | 16°36              | 4°27               | 3°43               | 28°20              | 20° 3              | 26°33             | 19°41              | 17°38              | 20°49              | 19°33              | 7°15              | 15°52              |   |   |
| F 16 | 12 9 50  | 4°23'45               | 29°39               | 18°28              | 5°42               | 4°26               | 28°14              | 20° 0              | 26°31             | 19°43              | 17°40              | 20°51              | 19°30              | 7°22              | 15°55              |   |   |
| S 17 | 12 13 46 | 5°22'54               | 12 <del>♁</del> 58  | 20°17              | 6°56               | 5° 9               | 28° 7              | 19°58              | 26°29             | 19°45              | 17°41              | 20°52              | 19°27              | 7°29              | 15°59              |   |   |
| S 18 | 12 17 43 | 6°22'01               | 26°45               | 22° 3              | 8°11               | 5°52               | 28° 1              | 19°55              | 26°27             | 19°47              | 17°42              | 20°R52             | 19°24              | 7°35              | 16° 3              |   |   |
| M19  | 12 21 39 | 7°21'06               | 10 <del>♁</del> 59  | 23°45              | 9°25               | 6°35               | 27°54              | 19°53              | 26°26             | 19°50              | 17°43              | 20°50              | 19°20              | 7°42              | 16° 6              |   |   |
| T 20 | 12 25 36 | 8°20'08               | 25°38               | 25°23              | 10°39              | 7°17               | 27°47              | 19°50              | 26°24             | 19°52              | 17°45              | 20°46              | 19°17              | 7°49              | 16°10              |   |   |
| W21  | 12 29 32 | 9°19'08               | 10 <del>♁</del> 37  | 26°57              | 11°54              | 8° 0               | 27°40              | 19°47              | 26°22             | 19°54              | 17°46              | 20°41              | 19°14              | 7°56              | 16°14              |   |   |
| T 22 | 12 33 29 | 10°18'07              | 25°46               | 28°26              | 13° 8              | 8°43               | 27°33              | 19°44              | 26°20             | 19°56              | 17°47              | 20°33              | 19°11              | 8° 2              | 16°17              |   |   |
| F 23 | 12 37 26 | 11°17'03              | 10 <del>♁</del> 55  | 29°51              | 14°22              | 9°25               | 27°26              | 19°41              | 26°19             | 19°58              | 17°48              | 20°26              | 19° 8              | 8° 9              | 16°21              |   |   |
| S 24 | 12 41 22 | 12°15'57              | 25°55               | 1 <del>♁</del> 10  | 15°37              | 10° 8              | 27°19              | 19°38              | 26°17             | 20° 1              | 17°49              | 20°19              | 19° 5              | 8°16              | 16°25              |   |   |
| S 25 | 12 45 19 | 13°14'50              | 10 <del>♁</del> 737 | 2°24               | 16°51              | 10°50              | 27°12              | 19°35              | 26°16             | 20° 3              | 17°51              | 20°13              | 19° 1              | 8°23              | 16°29              |   |   |
| M26  | 12 49 15 | 14°13'41              | 24°55               | 3°32               | 18° 5              | 11°33              | 27° 5              | 19°32              | 26°14             | 20° 5              | 17°52              | 20° 9              | 18°58              | 8°29              | 16°33              |   |   |
| T 27 | 12 53 12 | 15°12'31              | 8 <del>♁</del> 48   | 4°35               | 19°20              | 12°15              | 26°58              | 19°29              | 26°13             | 20° 7              | 17°53              | 20° 7              | 18°55              | 8°36              | 16°37              |   |   |
| W28  | 12 57 8  | 16°11'18              | 20°16               | 5°31               | 20°34              | 12°58              | 26°50              | 19°26              | 26°11             | 20°10              | 17°54              | 20°D 7             | 18°52              | 8°43              | 16°41              |   |   |
| T 29 | 13 1 5   | 17°10'04              | 5 <del>♁</del> 22   | 6°22               | 21°48              | 13°40              | 26°43              | 19°22              | 26°10             | 20°12              | 17°55              | 20° 8              | 18°49              | 8°49              | 16°45              |   |   |
| F 30 | 13 5 2   | 18° 8'48              | 18° 9               | 7° 7               | 23° 2              | 14°22              | 26°35              | 19°19              | 26° 9             | 20°14              | 17°56              | 20°R 9             | 18°46              | 8°56              | 16°49              |   |   |
| S 31 | 13 8 58  | 19 <del>♃</del> 7'30  | 0 <del>♁</del> 40   | 7 <del>♁</del> 46  | 24 <del>♃</del> 17 | 15 <del>♁</del> 4  | 26 <del>♁</del> 28 | 19 <del>♁</del> 15 | 26 <del>♁</del> 7 | 20 <del>♃</del> 17 | 17 <del>♁</del> 57 | 20 <del>♁</del> 8  | 18 <del>♁</del> 42 | 9 <del>♁</del> 3  | 16 <del>♁</del> 53 |   |   |

Delta T = 141.39 sec. Julian Calendar 1 March 1543 == Greg. Calendar 11 March 1543

APRIL 1543 JC

00:00 UT

| Day  | Sid.t    | ☉                     | ☽                 | ♀                  | ♁                  | ♂                  | ♃                  | ♄                  | ♅                  | ♆                  | ♇                  | ♈                  | ♉                  | ♊                  | ♋                  | ♌ | ♍ |
|------|----------|-----------------------|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---|---|
| S 1  | 13 12 55 | 20 <del>♃</del> 6'11  | 13 <del>℞</del> 0 | 8 <del>♁</del> 18  | 25 <del>♃</del> 31 | 15 <del>♁</del> 47 | 26°R20             | 19°R12             | 26°R 6             | 20 <del>♃</del> 19 | 17 <del>♁</del> 58 | 20°R 6             | 18 <del>♁</del> 39 | 9 <del>♁</del> 10  | 16 <del>♁</del> 57 |   |   |
| M 2  | 13 16 51 | 21° 4'49              | 25° 9             | 8°44               | 26°45              | 16°29              | 26 <del>♁</del> 13 | 19 <del>♁</del> 8  | 26°Ω 5             | 20°21              | 17°59              | 20 <del>♁</del> 0  | 18°36              | 9°16               | 17° 1              |   |   |
| T 3  | 13 20 48 | 22° 3'26              | 7 <del>♃</del> 12 | 9° 4               | 27°59              | 17°11              | 26° 5              | 19° 4              | 26° 4              | 20°23              | 18° 0              | 19°53              | 18°33              | 9°23               | 17° 5              |   |   |
| W 4  | 13 24 44 | 23° 2'01              | 19°10             | 9°18               | 29°13              | 17°53              | 25°57              | 19° 1              | 26° 3              | 20°26              | 18° 1              | 19°42              | 18°30              | 9°30               | 17° 9              |   |   |
| T 5  | 13 28 41 | 24° 0'34              | 1 <del>♁</del> 5  | 9°26               | 0 <del>♁</del> 27  | 18°35              | 25°50              | 18°57              | 26° 2              | 20°28              | 18° 2              | 19°31              | 18°26              | 9°36               | 17°13              |   |   |
| F 6  | 13 32 37 | 24°59'05              | 12°57             | 9°R28              | 1°42               | 19°17              | 25°42              | 18°53              | 26° 1              | 20°30              | 18° 3              | 19°18              | 18°23              | 9°43               | 17°18              |   |   |
| S 7  | 13 36 34 | 25°57'34              | 24°49             | 9°24               | 2°56               | 19°59              | 25°34              | 18°49              | 26° 0              | 20°32              | 18° 3              | 19° 6              | 18°20              | 9°50               | 17°22              |   |   |
| S 8  | 13 40 30 | 26°56'01              | 6 <del>♁</del> 42 | 9°15               | 4°10               | 20°41              | 25°27              | 18°45              | 25°59              | 20°35              | 18° 4              | 18°55              | 18°17              | 9°57               | 17°26              |   |   |
| M 9  | 13 44 27 | 27°54'26              | 18°38             | 9° 0               | 5°24               | 21°23              | 25°19              | 18°41              | 25°58              | 20°37              | 18° 5              | 18°46              | 18°14              | 10° 3              | 17°30              |   |   |
| T 10 | 13 48 24 | 28°52'50              | 0 <del>♁</del> 42 | 8°41               | 6°38               | 22° 4              | 25°11              | 18°37              | 25°57              | 20°39              | 18° 6              | 18°40              | 18°11              | 10°10              | 17°35              |   |   |
| W11  | 13 52 20 | 29°51'11              | 12°56             | 8°17               | 7°52               | 22°46              | 25° 4              | 18°33              | 25°56              | 20°41              | 18° 7              | 18°37              | 18° 7              | 10°17              | 17°39              |   |   |
| T 12 | 13 56 17 | 0 <del>♁</del> 49'30  | 25°25             | 7°49               | 9° 6               | 23°28              | 24°56              | 18°29              | 25°56              | 20°44              | 18° 7              | 18°36              | 18° 4              | 10°24              | 17°43              |   |   |
| F 13 | 14 0 13  | 1°47'46               | 8 <del>♁</del> 13 | 7°18               | 10°20              | 24° 9              | 24°48              | 18°25              | 25°55              | 20°46              | 18° 8              | 18°D36             | 18° 1              | 10°30              | 17°48              |   |   |
| S 14 | 14 4 10  | 2°46'01               | 21°25             | 6°44               | 11°34              | 24°51              | 24°41              | 18°20              | 25°55              | 20°48              | 18° 9              | 18°R36             | 17°58              | 10°37              | 17°52              |   |   |
| S 15 | 14 8 6   | 3°44'13               | 5 <del>♁</del> 4  | 6° 8               | 12°48              | 25°33              | 24°33              | 18°16              | 25°54              | 20°50              | 18° 9              | 18°35              | 17°55              | 10°44              | 17°56              |   |   |
| M16  | 14 12 3  | 4°42'24               | 19°13             | 5°30               | 14° 2              | 26°14              | 24°26              | 18°12              | 25°54              | 20°52              | 18°10              | 18°32              | 17°51              | 10°50              | 18° 1              |   |   |
| T 17 | 14 15 59 | 5°40'32               | 3 <del>♁</del> 50 | 4°52               | 15°15              | 26°56              | 24°18              | 18° 8              | 25°53              | 20°55              | 18°11              | 18°27              | 17°48              | 10°57              | 18° 5              |   |   |
| W18  | 14 19 56 | 6°38'39               | 18°50             | 4°14               | 16°29              | 27°37              | 24°11              | 18° 3              | 25°53              | 20°57              | 18°11              | 18°19              | 17°45              | 11° 4              | 18° 9              |   |   |
| T 19 | 14 23 53 | 7°36'44               | 4 <del>♁</del> 6  | 3°36               | 17°43              | 28°18              | 24° 4              | 17°59              | 25°53              | 20°59              | 18°12              | 18° 9              | 17°42              | 11°11              | 18°14              |   |   |
| F 20 | 14 27 49 | 8°34'47               | 19°27             | 2°59               | 18°57              | 29° 0              | 23°56              | 17°55              | 25°52              | 21° 1              | 18°12              | 17°58              | 17°39              | 11°17              | 18°18              |   |   |
| S 21 | 14 31 46 | 9°32'49               | 4 <del>♁</del> 41 | 2°24               | 20°11              | 29°41              | 23°49              | 17°50              | 25°52              | 21° 3              | 18°13              | 17°48              | 17°36              | 11°24              | 18°23              |   |   |
| S 22 | 14 35 42 | 10°30'49              | 19°38             | 1°52               | 21°25              | 0 <del>♁</del> 22  | 23°42              | 17°46              | 25°52              | 21° 6              | 18°13              | 17°39              | 17°32              | 11°31              | 18°27              |   |   |
| M23  | 14 39 39 | 11°28'47              | 4 <del>♁</del> 10 | 1°23               | 22°38              | 1° 4               | 23°35              | 17°41              | 25°52              | 21° 8              | 18°14              | 17°33              | 17°29              | 11°37              | 18°32              |   |   |
| T 24 | 14 43 35 | 12°26'45              | 18°13             | 0°57               | 23°52              | 1°45               | 23°28              | 17°37              | 25°D52             | 21°10              | 18°14              | 17°29              | 17°26              | 11°44              | 18°36              |   |   |
| W25  | 14 47 32 | 13°24'41              | 1 <del>♁</del> 47 | 0°34               | 25° 6              | 2°26               | 23°21              | 17°32              | 25°52              | 21°12              | 18°14              | 17°28              | 17°23              | 11°51              | 18°40              |   |   |
| T 26 | 14 51 28 | 14°22'36              | 14°55             | 0°16               | 26°20              | 3° 7               | 23°15              | 17°28              | 25°52              | 21°14              | 18°15              | 17°28              | 17°20              | 11°58              | 18°45              |   |   |
| F 27 | 14 55 25 | 15°20'29              | 27°39             | 0° 2               | 27°33              | 3°48               | 23° 8              | 17°23              | 25°52              | 21°16              | 18°15              | 17°27              | 17°17              | 12° 4              | 18°49              |   |   |
| S 28 | 14 59 22 | 16°18'21              | 10 <del>℞</del> 5 | 29 <del>♃</del> 52 | 28°47              | 4°29               | 23° 1              | 17°19              | 25°52              | 21°18              | 18°16              | 17°26              | 17°13              | 12°11              | 18°54              |   |   |
| S 29 | 15 3 18  | 17°16'12              | 22°17             | 29°47              | 0 <del>♁</del> 1   | 5°10               | 22°55              | 17°15              | 25°52              | 21°20              | 18°16              | 17°23              | 17°10              | 12°18              | 18°58              |   |   |
| M30  | 15 7 15  | 18 <del>♁</del> 14'01 | 4 <del>♃</del> 19 | 29°D47             | 1 <del>♁</del> 14  | 5 <del>♁</del> 51  | 22 <del>♁</del> 48 | 17 <del>♁</del> 10 | 25 <del>♁</del> 53 | 21 <del>♃</del> 23 | 18 <del>♁</del> 16 | 17 <del>♁</del> 17 | 17 <del>♁</del> 7  | 12 <del>♁</del> 25 | 19 <del>♁</del> 3  |   |   |

Delta T = 141.33 sec. Julian Calendar created from Swiss Ephemeris, Copyright Astrodiest AG [10.1.2003]

SWISS EPHEMERIS for the year 1543

MAY 1543 JC

00:00 UT

| Day  | Sid.t    | ☉        | ☽     | ♀     | ♁     | ♂     | ♃      | ♄      | ♅     | ♆     | ♇      | ♈      | ♉     | ♊     | ♋     | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ |
|------|----------|----------|-------|-------|-------|-------|--------|--------|-------|-------|--------|--------|-------|-------|-------|---|---|---|---|---|---|---|---|
| T 1  | 15 11 11 | 19♌11'50 | 16♍15 | 29♍51 | 2♉28  | 6♉32  | 22°R42 | 17°R 6 | 25♌53 | 21♍25 | 18♎16  | 17°R 8 | 17♎4  | 12♏31 | 19♏7  |   |   |   |   |   |   |   |   |
| W 2  | 15 15 8  | 20° 9'37 | 28° 8 | 29°59 | 3°42  | 7°13  | 22♌36  | 17♎1   | 25°53 | 21°27 | 18°17  | 16♎57  | 17° 1 | 12°38 | 19°12 |   |   |   |   |   |   |   |   |
| T 3  | 15 19 4  | 21° 7'22 | 10♌0  | 0♌12  | 4°55  | 7°54  | 22°30  | 16°57  | 25°54 | 21°29 | 18°17  | 16°43  | 16°57 | 12°45 | 19°16 |   |   |   |   |   |   |   |   |
| F 4  | 15 23 1  | 22° 5'07 | 21°52 | 0°30  | 6° 9  | 8°35  | 22°24  | 16°52  | 25°54 | 21°31 | 18°17  | 16°29  | 16°54 | 12°51 | 19°21 |   |   |   |   |   |   |   |   |
| S 5  | 15 26 57 | 23° 2'50 | 3♉46  | 0°52  | 7°22  | 9°15  | 22°18  | 16°48  | 25°55 | 21°33 | 18°17  | 16°15  | 16°51 | 12°58 | 19°25 |   |   |   |   |   |   |   |   |
| S 6  | 15 30 54 | 24° 0'32 | 15°43 | 1°18  | 8°36  | 9°56  | 22°13  | 16°43  | 25°55 | 21°35 | 18°17  | 16° 3  | 16°48 | 13° 5 | 19°30 |   |   |   |   |   |   |   |   |
| M 7  | 15 34 51 | 24°58'12 | 27°45 | 1°49  | 9°49  | 10°37 | 22° 7  | 16°39  | 25°56 | 21°37 | 18°17  | 15°53  | 16°45 | 13°12 | 19°34 |   |   |   |   |   |   |   |   |
| T 8  | 15 38 47 | 25°55'51 | 9♌55  | 2°23  | 11° 3 | 11°17 | 22° 2  | 16°34  | 25°57 | 21°39 | 18°17  | 15°46  | 16°42 | 13°18 | 19°39 |   |   |   |   |   |   |   |   |
| W 9  | 15 42 44 | 26°53'29 | 22°14 | 3° 2  | 12°16 | 11°58 | 21°57  | 16°30  | 25°58 | 21°41 | 18°17  | 15°42  | 16°38 | 13°25 | 19°43 |   |   |   |   |   |   |   |   |
| T 10 | 15 46 40 | 27°51'05 | 4♌45  | 3°44  | 13°30 | 12°39 | 21°51  | 16°26  | 25°58 | 21°42 | 18°R17 | 15°40  | 16°35 | 13°32 | 19°48 |   |   |   |   |   |   |   |   |
| F 11 | 15 50 37 | 28°48'39 | 17°34 | 4°30  | 14°43 | 13°19 | 21°47  | 16°21  | 25°59 | 21°44 | 18°17  | 15°D39 | 16°32 | 13°38 | 19°52 |   |   |   |   |   |   |   |   |
| S 12 | 15 54 33 | 29°46'12 | 0♍42  | 5°20  | 15°57 | 14° 0 | 21°42  | 16°17  | 26° 0 | 21°46 | 18°17  | 15°R39 | 16°29 | 13°45 | 19°56 |   |   |   |   |   |   |   |   |
| S 13 | 15 58 30 | 0♉43'44  | 14°15 | 6°13  | 17°10 | 14°40 | 21°37  | 16°13  | 26° 1 | 21°48 | 18°17  | 15°39  | 16°26 | 13°52 | 20° 1 |   |   |   |   |   |   |   |   |
| M14  | 16 2 26  | 1°41'14  | 28°14 | 7° 9  | 18°24 | 15°21 | 21°33  | 16° 9  | 26° 2 | 21°50 | 18°17  | 15°36  | 16°23 | 13°59 | 20° 5 |   |   |   |   |   |   |   |   |
| T 15 | 16 6 23  | 2°38'43  | 12♌39 | 8° 9  | 19°37 | 16° 1 | 21°28  | 16° 4  | 26° 3 | 21°52 | 18°17  | 15°32  | 16°19 | 14° 5 | 20°10 |   |   |   |   |   |   |   |   |
| W16  | 16 10 20 | 3°36'10  | 27°28 | 9°12  | 20°50 | 16°41 | 21°24  | 16° 0  | 26° 4 | 21°54 | 18°17  | 15°25  | 16°16 | 14°12 | 20°14 |   |   |   |   |   |   |   |   |
| T 17 | 16 14 16 | 4°33'37  | 12♎35 | 10°19 | 22° 4 | 17°22 | 21°20  | 15°56  | 26° 6 | 21°55 | 18°17  | 15°16  | 16°13 | 14°19 | 20°18 |   |   |   |   |   |   |   |   |
| F 18 | 16 18 13 | 5°31'02  | 27°50 | 11°28 | 23°17 | 18° 2 | 21°16  | 15°52  | 26° 7 | 21°57 | 18°17  | 15° 6  | 16°10 | 14°26 | 20°23 |   |   |   |   |   |   |   |   |
| S 19 | 16 22 9  | 6°28'26  | 13♌2  | 12°41 | 24°30 | 18°42 | 21°13  | 15°48  | 26° 8 | 21°59 | 18°16  | 14°56  | 16° 7 | 14°32 | 20°27 |   |   |   |   |   |   |   |   |
| S 20 | 16 26 6  | 7°25'50  | 28° 1 | 13°56 | 25°43 | 19°22 | 21° 9  | 15°44  | 26° 9 | 22° 1 | 18°16  | 14°48  | 16° 3 | 14°39 | 20°32 |   |   |   |   |   |   |   |   |
| M21  | 16 30 2  | 8°23'12  | 12♏39 | 15°15 | 26°57 | 20° 2 | 21° 6  | 15°40  | 26°11 | 22° 2 | 18°16  | 14°42  | 16° 0 | 14°46 | 20°36 |   |   |   |   |   |   |   |   |
| T 22 | 16 33 59 | 9°20'34  | 16°39 | 16°36 | 28°10 | 20°43 | 21° 3  | 15°36  | 26°12 | 22° 4 | 18°16  | 14°39  | 15°57 | 14°52 | 20°40 |   |   |   |   |   |   |   |   |
| W23  | 16 37 56 | 10°17'56 | 10♎30 | 18° 0 | 29°23 | 21°23 | 21° 0  | 15°32  | 26°14 | 22° 6 | 18°15  | 14°D38 | 15°54 | 14°59 | 20°45 |   |   |   |   |   |   |   |   |
| T 24 | 16 41 52 | 11°15'16 | 23°43 | 19°27 | 0♌36  | 22° 3 | 20°57  | 15°28  | 26°15 | 22° 7 | 18°15  | 14°38  | 15°51 | 15° 6 | 20°49 |   |   |   |   |   |   |   |   |
| F 25 | 16 45 49 | 12°12'36 | 6♌31  | 20°57 | 1°50  | 22°43 | 20°54  | 15°25  | 26°17 | 22° 9 | 18°15  | 14°R39 | 15°48 | 15°13 | 20°53 |   |   |   |   |   |   |   |   |
| S 26 | 16 49 45 | 13° 9'56 | 18°59 | 22°30 | 3° 3  | 23°23 | 20°52  | 15°21  | 26°18 | 22°11 | 18°14  | 14°38  | 15°44 | 15°19 | 20°57 |   |   |   |   |   |   |   |   |
| S 27 | 16 53 42 | 14° 7'15 | 1♍11  | 24° 5 | 4°16  | 24° 3 | 20°49  | 15°17  | 26°20 | 22°12 | 18°14  | 14°37  | 15°41 | 15°26 | 21° 2 |   |   |   |   |   |   |   |   |
| M28  | 16 57 38 | 15° 4'33 | 13°12 | 25°44 | 5°29  | 24°43 | 20°47  | 15°14  | 26°22 | 22°14 | 18°13  | 14°33  | 15°38 | 15°33 | 21° 6 |   |   |   |   |   |   |   |   |
| T 29 | 17 1 35  | 16° 1'52 | 25° 6 | 27°25 | 6°42  | 25°23 | 20°45  | 15°10  | 26°23 | 22°15 | 18°13  | 14°27  | 15°35 | 15°40 | 21°10 |   |   |   |   |   |   |   |   |
| W30  | 17 5 31  | 16°59'09 | 6♌57  | 29° 8 | 7°55  | 26° 2 | 20°43  | 15° 7  | 26°25 | 22°17 | 18°12  | 14°19  | 15°32 | 15°46 | 21°14 |   |   |   |   |   |   |   |   |
| T 31 | 17 9 28  | 17♉56'27 | 18♌49 | 0♉55  | 9♌8   | 26♉42 | 20♌42  | 15♎3   | 26♌27 | 22♍18 | 18♎12  | 14♎9   | 15♎29 | 15♏53 | 21♏18 |   |   |   |   |   |   |   |   |

Delta T = 141.26 sec. Julian Calendar 1 May 1543 == Greg. Calendar 11 May 1543

JUNE 1543 JC

00:00 UT

| Day  | Sid.t    | ☉        | ☽     | ♀     | ♁     | ♂     | ♃      | ♄      | ♅     | ♆     | ♇      | ♈      | ♉     | ♊     | ♋     | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ |
|------|----------|----------|-------|-------|-------|-------|--------|--------|-------|-------|--------|--------|-------|-------|-------|---|---|---|---|---|---|---|---|
| F 1  | 17 13 25 | 18♉53'44 | 0♉43  | 2♉44  | 10♌21 | 27♉22 | 20°R40 | 15°R 0 | 26♌29 | 22♍20 | 18°R11 | 13°R59 | 15♎25 | 16♏0  | 21♏22 |   |   |   |   |   |   |   |   |
| S 2  | 17 17 21 | 19°51'00 | 12°42 | 4°36  | 11°34 | 28° 2 | 20♌39  | 14♎57  | 26°31 | 22°21 | 18♎11  | 13♎49  | 15°22 | 16° 6 | 21°27 |   |   |   |   |   |   |   |   |
| S 3  | 17 21 18 | 20°48'16 | 24°47 | 6°30  | 12°47 | 28°42 | 20°38  | 14°53  | 26°33 | 22°22 | 18°10  | 13°40  | 15°19 | 16°13 | 21°31 |   |   |   |   |   |   |   |   |
| M 4  | 17 25 14 | 21°45'32 | 6♌59  | 8°27  | 14° 0 | 29°21 | 20°37  | 14°50  | 26°35 | 22°24 | 18°10  | 13°33  | 15°16 | 16°20 | 21°35 |   |   |   |   |   |   |   |   |
| T 5  | 17 29 11 | 22°42'47 | 19°20 | 10°26 | 15°13 | 0♌1   | 20°36  | 14°47  | 26°37 | 22°25 | 18° 9  | 13°28  | 15°13 | 16°27 | 21°39 |   |   |   |   |   |   |   |   |
| W 6  | 17 33 7  | 23°40'01 | 1♌51  | 12°27 | 16°26 | 0°41  | 20°36  | 14°44  | 26°39 | 22°26 | 18° 8  | 13°25  | 15° 9 | 16°33 | 21°43 |   |   |   |   |   |   |   |   |
| T 7  | 17 37 4  | 24°37'15 | 14°34 | 14°30 | 17°39 | 1°20  | 20°36  | 14°41  | 26°41 | 22°28 | 18° 8  | 13°D24 | 15° 6 | 16°40 | 21°47 |   |   |   |   |   |   |   |   |
| F 8  | 17 41 0  | 25°34'28 | 27°32 | 16°35 | 18°52 | 2° 0  | 20°D35 | 14°39  | 26°44 | 22°29 | 18° 7  | 13°25  | 15° 3 | 16°47 | 21°51 |   |   |   |   |   |   |   |   |
| S 9  | 17 44 57 | 26°31'41 | 10♍45 | 18°42 | 20° 5 | 2°39  | 20°35  | 14°36  | 26°46 | 22°30 | 18° 6  | 13°26  | 15° 0 | 16°54 | 21°55 |   |   |   |   |   |   |   |   |
| S 10 | 17 48 54 | 27°28'53 | 24°18 | 20°50 | 21°18 | 3°19  | 20°36  | 14°33  | 26°48 | 22°31 | 18° 6  | 13°R27 | 14°57 | 17° 0 | 21°58 |   |   |   |   |   |   |   |   |
| M11  | 17 52 50 | 28°26'05 | 8♌11  | 22°59 | 22°31 | 3°58  | 20°36  | 14°31  | 26°51 | 22°32 | 18° 5  | 13°26  | 14°54 | 17° 2 | 22° 2 |   |   |   |   |   |   |   |   |
| T 12 | 17 56 47 | 29°23'16 | 22°24 | 25° 9 | 23°43 | 4°38  | 20°37  | 14°28  | 26°53 | 22°34 | 18° 4  | 13°24  | 14°50 | 17°14 | 22° 6 |   |   |   |   |   |   |   |   |
| W13  | 18 0 43  | 0♌20'26  | 6♎57  | 27°19 | 24°56 | 5°17  | 20°37  | 14°26  | 26°55 | 22°35 | 18° 3  | 13°21  | 14°47 | 17°20 | 22°10 |   |   |   |   |   |   |   |   |
| T 14 | 18 4 40  | 1°17'36  | 21°44 | 29°30 | 26° 9 | 5°57  | 20°38  | 14°23  | 26°58 | 22°36 | 18° 3  | 13°15  | 14°44 | 17°27 | 22°14 |   |   |   |   |   |   |   |   |
| F 15 | 18 8 36  | 2°14'46  | 6♌39  | 1♌41  | 27°22 | 6°36  | 20°39  | 14°21  | 27° 0 | 22°37 | 18° 2  | 13°10  | 14°41 | 17°34 | 22°17 |   |   |   |   |   |   |   |   |
| S 16 | 18 12 33 | 3°11'56  | 21°34 | 3°52  | 28°34 | 7°16  | 20°41  | 14°19  | 27° 3 | 22°38 | 18° 1  | 13° 4  | 14°38 | 17°41 | 22°21 |   |   |   |   |   |   |   |   |
| S 17 | 18 16 29 | 4° 9'05  | 6♏21  | 6° 2  | 29°47 | 7°55  | 20°42  | 14°17  | 27° 5 | 22°39 | 18° 0  | 12°59  | 14°35 | 17°47 | 22°25 |   |   |   |   |   |   |   |   |
| M18  | 18 20 26 | 5° 6'15  | 20°50 | 8°11  | 1♌0   | 8°34  | 20°44  | 14°15  | 27° 8 | 22°40 | 17°59  | 12°55  | 14°31 | 17°54 | 22°28 |   |   |   |   |   |   |   |   |
| T 19 | 18 24 23 | 6° 3'25  | 4♎58  | 10°19 | 2°12  | 9°13  | 20°45  | 14°13  | 27°11 | 22°41 | 17°58  | 12°54  | 14°28 | 18° 1 | 22°32 |   |   |   |   |   |   |   |   |
| W20  | 18 28 19 | 7° 0'34  | 18°40 | 12°26 | 3°25  | 9°53  | 20°47  | 14°11  | 27°13 | 22°42 | 17°57  | 12°D54 | 14°25 | 18° 7 | 22°35 |   |   |   |   |   |   |   |   |
| T 21 | 18 32 16 | 7°57'44  | 1♌56  | 14°32 | 4°37  | 10°32 | 20°50  | 14° 9  | 27°16 | 22°43 | 17°56  | 12°55  | 14°22 | 18°14 | 22°39 |   |   |   |   |   |   |   |   |
| F 22 | 18 36 12 | 8°54'54  | 14°48 | 16°37 | 5°50  | 11°11 | 20°52  | 14° 7  | 27°19 | 22°43 | 17°55  | 12°56  | 14°19 | 18°21 | 22°42 |   |   |   |   |   |   |   |   |
| S 23 | 18 40 9  | 9°52'05  | 27°19 | 18°40 | 7° 2  | 11°50 | 20°54  | 14° 6  | 27°22 | 22°44 | 17°55  | 12°58  | 14°15 | 18°28 | 22°46 |   |   |   |   |   |   |   |   |
| S 24 | 18 44 5  | 10°49'16 | 9♍34  | 20°41 | 8°15  | 12°29 | 20°57  | 14° 4  | 27°24 | 22°45 | 17°54  | 12°R58 | 14°12 | 18°34 | 22°49 |   |   |   |   |   |   |   |   |
| M25  | 18 48 2  | 11°46'27 | 21°37 | 22°40 | 9°27  | 13° 8 | 21° 0  | 14° 3  | 27°27 | 22°46 | 17°53  | 12°58  | 14° 9 | 18°41 | 22°53 |   |   |   |   |   |   |   |   |
| T 26 | 18 51 58 | 12°43'40 | 3♌32  | 24°38 | 10°40 | 13°48 | 21° 3  | 14° 2  | 27°30 | 22°47 | 17°52  | 12°56  | 14° 6 | 18°48 | 22°56 |   |   |   |   |   |   |   |   |
| W27  | 18 55 55 | 13°40'52 | 15°24 | 26°34 | 11°52 | 14°27 | 21° 6  | 14° 0  | 27°33 | 22°47 | 17°50  | 12°53  | 14° 3 | 18°55 | 22°59 |   |   |   |   |   |   |   |   |
| T 28 | 18 59 52 | 14°38'05 | 27°17 | 28°28 | 13° 5 | 15° 6 | 21° 9  | 13°59  | 27°36 | 22°48 | 17°49  | 12°49  | 14° 0 | 19° 1 | 23° 2 |   |   |   |   |   |   |   |   |
| F 29 | 19 3 48  | 15°35'19 | 9♉15  | 0♌20  | 14°17 | 15°45 | 21°13  | 13°58  | 27°39 | 22°48 | 17°48  | 12°44  | 13°56 | 19° 8 | 23° 6 |   |   |   |   |   |   |   |   |
| S 30 | 19 7 45  | 16♌32'33 | 21♉20 | 2♌11  | 15♌29 | 16♌24 | 21♌17  | 13♎57  | 27♌42 | 22♍49 | 17♎47  | 12♎40  | 13♎53 | 19♏15 | 23♏9  |   |   |   |   |   |   |   |   |

Delta T = 141.20 sec. Julian Calendar created from Swiss Ephemeris, Copyright Astrodiest AG [10.1.2003]

SWISS EPHEMERIS for the year 1543

JULY 1543 JC

00:00 UT

| Day  | Sid.t    | ☉        | ☽     | ♀     | ♁     | ♂     | ♃     | ♅      | ♁     | ♁      | ♁      | ♁      | ♁     | ♁     | ♁     |
|------|----------|----------|-------|-------|-------|-------|-------|--------|-------|--------|--------|--------|-------|-------|-------|
| S 1  | 19 11 41 | 17°29'48 | 3♁35  | 3♁59  | 16♁42 | 17♁ 3 | 21♁20 | 13°R57 | 27♁45 | 22°V50 | 17°R46 | 12°R36 | 13♁50 | 19♁21 | 23♁12 |
| M 2  | 19 15 38 | 18°27'03 | 16° 0 | 5°46  | 17°54 | 17°42 | 21°24 | 13♁56  | 27°48 | 22°50  | 17♁45  | 12♁33  | 13°47 | 19°28 | 23°15 |
| T 3  | 19 19 34 | 19°24'19 | 28°37 | 7°31  | 19° 6 | 18°21 | 21°29 | 13°55  | 27°51 | 22°51  | 17°44  | 12°31  | 13°44 | 19°35 | 23°18 |
| W 4  | 19 23 31 | 20°21'35 | 11♁26 | 9°14  | 20°18 | 19° 0 | 21°33 | 13°55  | 27°55 | 22°51  | 17°43  | 12°D31 | 13°41 | 19°42 | 23°21 |
| T 5  | 19 27 28 | 21°18'51 | 24°29 | 10°55 | 21°30 | 19°38 | 21°37 | 13°54  | 27°58 | 22°52  | 17°42  | 12°31  | 13°37 | 19°48 | 23°24 |
| F 6  | 19 31 24 | 22°16'08 | 7♁44  | 12°34 | 22°43 | 20°17 | 21°42 | 13°54  | 28° 1 | 22°52  | 17°41  | 12°32  | 13°34 | 19°55 | 23°27 |
| S 7  | 19 35 21 | 23°13'25 | 21°13 | 14°12 | 23°55 | 20°56 | 21°47 | 13°54  | 28° 4 | 22°52  | 17°39  | 12°33  | 13°31 | 20° 2 | 23°29 |
| S 8  | 19 39 17 | 24°10'43 | 4♁56  | 15°47 | 25° 7 | 21°35 | 21°52 | 13°53  | 28° 7 | 22°53  | 17°38  | 12°35  | 13°28 | 20° 9 | 23°32 |
| M 9  | 19 43 14 | 25° 8'00 | 18°52 | 17°21 | 26°19 | 22°14 | 21°57 | 13°D53 | 28°11 | 22°53  | 17°37  | 12°R35 | 13°25 | 20°15 | 23°35 |
| T 10 | 19 47 10 | 26° 5'19 | 3♁ 0  | 18°53 | 27°31 | 22°53 | 22° 2 | 13°53  | 28°14 | 22°53  | 17°36  | 12°35  | 13°21 | 20°22 | 23°37 |
| W11  | 19 51 7  | 27° 2'37 | 17°19 | 20°23 | 28°43 | 23°31 | 22° 8 | 13°53  | 28°17 | 22°53  | 17°35  | 12°35  | 13°18 | 20°29 | 23°40 |
| T 12 | 19 55 3  | 27°59'57 | 1♁46  | 21°51 | 29°55 | 24°10 | 22°13 | 13°54  | 28°21 | 22°54  | 17°33  | 12°33  | 13°15 | 20°35 | 23°43 |
| F 13 | 19 59 0  | 28°57'17 | 16°16 | 23°17 | 1♁ 6  | 24°49 | 22°19 | 13°54  | 28°24 | 22°54  | 17°32  | 12°32  | 13°12 | 20°42 | 23°45 |
| S 14 | 20 2 57  | 29°54'37 | 0♁45  | 24°42 | 2°18  | 25°27 | 22°25 | 13°54  | 28°27 | 22°54  | 17°31  | 12°30  | 13° 9 | 20°49 | 23°48 |
| S 15 | 20 6 53  | 0♁51'58  | 15° 6 | 26° 4 | 3°30  | 26° 6 | 22°31 | 13°55  | 28°31 | 22°54  | 17°30  | 12°29  | 13° 6 | 20°56 | 23°50 |
| M16  | 20 10 50 | 1°49'20  | 29°16 | 27°24 | 4°42  | 26°45 | 22°37 | 13°56  | 28°34 | 22°54  | 17°28  | 12°28  | 13° 2 | 21° 2 | 23°52 |
| T 17 | 20 14 46 | 2°46'42  | 13♁ 9 | 28°43 | 5°53  | 27°23 | 22°43 | 13°56  | 28°38 | 22°54  | 17°27  | 12°D28 | 12°59 | 21° 9 | 23°55 |
| W18  | 20 18 43 | 3°44'06  | 26°42 | 29°59 | 7° 5  | 28° 2 | 22°50 | 13°57  | 28°41 | 22°R54 | 17°26  | 12°28  | 12°56 | 21°16 | 23°57 |
| T 19 | 20 22 39 | 4°41'30  | 9♁54  | 1♁13  | 8°17  | 28°41 | 22°56 | 13°58  | 28°45 | 22°54  | 17°25  | 12°29  | 12°53 | 21°22 | 23°59 |
| F 20 | 20 26 36 | 5°38'56  | 22°45 | 2°25  | 9°28  | 29°19 | 23° 3 | 13°59  | 28°48 | 22°54  | 17°23  | 12°29  | 12°50 | 21°29 | 24° 1 |
| S 21 | 20 30 32 | 6°36'23  | 5°V18 | 3°34  | 10°40 | 29°58 | 23°10 | 14° 0  | 28°52 | 22°54  | 17°22  | 12°30  | 12°47 | 21°36 | 24° 3 |
| S 22 | 20 34 29 | 7°33'51  | 17°35 | 4°42  | 11°51 | 0♁36  | 23°17 | 14° 1  | 28°55 | 22°54  | 17°21  | 12°30  | 12°43 | 21°43 | 24° 5 |
| M23  | 20 38 26 | 8°31'21  | 29°39 | 5°46  | 13° 3 | 1°15  | 23°24 | 14° 3  | 28°59 | 22°54  | 17°19  | 12°31  | 12°40 | 21°49 | 24° 7 |
| T 24 | 20 42 22 | 9°28'52  | 11♁36 | 6°49  | 14°14 | 1°53  | 23°31 | 14° 4  | 29° 2 | 22°54  | 17°18  | 12°R31 | 12°37 | 21°56 | 24° 9 |
| W25  | 20 46 19 | 10°26'24 | 23°29 | 7°48  | 15°25 | 2°32  | 23°38 | 14° 5  | 29° 6 | 22°53  | 17°17  | 12°31  | 12°34 | 22° 3 | 24°11 |
| T 26 | 20 50 15 | 11°23'58 | 5♁23  | 8°45  | 16°37 | 3°10  | 23°46 | 14° 7  | 29°10 | 22°53  | 17°15  | 12°30  | 12°31 | 22°10 | 24°12 |
| F 27 | 20 54 12 | 12°21'33 | 17°23 | 9°39  | 17°48 | 3°49  | 23°54 | 14° 9  | 29°13 | 22°53  | 17°14  | 12°D30 | 12°27 | 22°16 | 24°14 |
| S 28 | 20 58 8  | 13°19'09 | 29°33 | 10°30 | 18°59 | 4°27  | 24° 1 | 14°10  | 29°17 | 22°52  | 17°13  | 12°30  | 12°24 | 22°23 | 24°16 |
| S 29 | 21 2 5   | 14°16'47 | 11♁55 | 11°18 | 20°10 | 5° 6  | 24° 9 | 14°12  | 29°21 | 22°52  | 17°11  | 12°31  | 12°21 | 22°30 | 24°17 |
| M30  | 21 6 1   | 15°14'27 | 24°32 | 12° 2 | 21°21 | 5°44  | 24°17 | 14°14  | 29°24 | 22°52  | 17°10  | 12°31  | 12°18 | 22°36 | 24°19 |
| T 31 | 21 9 58  | 16♁12'08 | 7♁25  | 12♁42 | 22♁32 | 6♁22  | 24♁25 | 14♁16  | 29♁28 | 22°V51 | 17♁ 9  | 12°R31 | 12♁15 | 22♁43 | 24♁20 |

Delta T = 141.13 sec. Julian Calendar 1 July 1543 == Greg. Calendar 11 July 1543

AUGUST 1543 JC

00:00 UT

| Day  | Sid.t    | ☉        | ☽     | ♀      | ♁     | ♂     | ♃     | ♅     | ♁     | ♁      | ♁      | ♁      | ♁     | ♁     | ♁      |
|------|----------|----------|-------|--------|-------|-------|-------|-------|-------|--------|--------|--------|-------|-------|--------|
| W 1  | 21 13 55 | 17♁ 9'50 | 20♁36 | 13♁19  | 23♁43 | 7♁ 1  | 24♁33 | 14♁18 | 29♁32 | 22°R51 | 17°R 7 | 12°R31 | 12♁12 | 22♁50 | 24♁22  |
| T 2  | 21 17 51 | 18° 7'33 | 4♁ 2  | 13°52  | 24°54 | 7°39  | 24°42 | 14°21 | 29°35 | 22°V50 | 17♁ 6  | 12♁31  | 12° 8 | 22°57 | 24°23  |
| F 3  | 21 21 48 | 19° 5'18 | 17°43 | 14°21  | 26° 5 | 8°17  | 24°50 | 14°23 | 29°39 | 22°50  | 17° 5  | 12°30  | 12° 5 | 23° 3 | 24°24  |
| S 4  | 21 25 44 | 20° 3'04 | 1♁37  | 14°45  | 27°16 | 8°56  | 24°59 | 14°25 | 29°43 | 22°49  | 17° 3  | 12°29  | 12° 2 | 23°10 | 24°26  |
| S 5  | 21 29 41 | 21° 0'51 | 15°39 | 15° 4  | 28°27 | 9°34  | 25° 8 | 14°28 | 29°46 | 22°49  | 17° 2  | 12°28  | 11°59 | 23°17 | 24°27  |
| M 6  | 21 33 37 | 21°58'39 | 29°49 | 15°19  | 29°38 | 10°12 | 25°16 | 14°30 | 29°50 | 22°48  | 17° 1  | 12°27  | 11°56 | 23°23 | 24°28  |
| T 7  | 21 37 34 | 22°56'28 | 14♁ 2 | 15°28  | 0♁48  | 10°51 | 25°25 | 14°33 | 29°54 | 22°47  | 17° 0  | 12°27  | 11°53 | 23°30 | 24°29  |
| W 8  | 21 41 30 | 23°54'19 | 28°16 | 15°R32 | 1°59  | 11°29 | 25°34 | 14°36 | 29°58 | 22°47  | 16°58  | 12°D27 | 11°49 | 23°37 | 24°30  |
| T 9  | 21 45 27 | 24°52'11 | 12♁29 | 15°31  | 3° 9  | 12° 7 | 25°43 | 14°39 | 0♁ 1  | 22°46  | 16°57  | 12°27  | 11°46 | 23°44 | 24°31  |
| F 10 | 21 49 24 | 25°50'04 | 26°37 | 15°23  | 4°20  | 12°45 | 25°53 | 14°42 | 0° 5  | 22°45  | 16°56  | 12°28  | 11°43 | 23°50 | 24°31  |
| S 11 | 21 53 20 | 26°47'59 | 10♁40 | 15°10  | 5°30  | 13°24 | 26° 2 | 14°45 | 0° 9  | 22°45  | 16°54  | 12°29  | 11°40 | 23°57 | 24°32  |
| S 12 | 21 57 17 | 27°45'55 | 24°33 | 14°50  | 6°41  | 14° 2 | 26°12 | 14°48 | 0°13  | 22°44  | 16°53  | 12°30  | 11°37 | 24° 4 | 24°33  |
| M13  | 22 1 13  | 28°43'52 | 8♁16  | 14°25  | 7°51  | 14°40 | 26°21 | 14°51 | 0°16  | 22°43  | 16°52  | 12°R31 | 11°33 | 24°11 | 24°34  |
| T 14 | 22 5 10  | 29°41'51 | 21°47 | 13°53  | 9° 1  | 15°18 | 26°31 | 14°54 | 0°20  | 22°42  | 16°50  | 12°31  | 11°30 | 24°17 | 24°34  |
| W15  | 22 9 6   | 0♁39'51  | 5♁ 2  | 13°16  | 10°11 | 15°56 | 26°40 | 14°58 | 0°24  | 22°41  | 16°49  | 12°30  | 11°27 | 24°24 | 24°35  |
| T 16 | 22 13 3  | 1°37'53  | 18° 2 | 12°33  | 11°21 | 16°35 | 26°50 | 15° 1 | 0°28  | 22°40  | 16°48  | 12°28  | 11°24 | 24°31 | 24°35  |
| F 17 | 22 16 59 | 2°35'56  | 0°V46 | 11°46  | 12°31 | 17°13 | 27° 0 | 15° 5 | 0°31  | 22°40  | 16°47  | 12°25  | 11°21 | 24°37 | 24°35  |
| S 18 | 22 20 56 | 3°34'02  | 13°15 | 10°54  | 13°41 | 17°51 | 27°10 | 15° 8 | 0°35  | 22°39  | 16°45  | 12°22  | 11°18 | 24°44 | 24°36  |
| S 19 | 22 24 53 | 4°32'09  | 25°30 | 9°59   | 14°51 | 18°29 | 27°20 | 15°12 | 0°39  | 22°38  | 16°44  | 12°18  | 11°14 | 24°51 | 24°36  |
| M20  | 22 28 49 | 5°30'18  | 7♁34  | 9° 2   | 16° 0 | 19° 7 | 27°31 | 15°16 | 0°43  | 22°37  | 16°43  | 12°15  | 11°11 | 24°58 | 24°36  |
| T 21 | 22 32 46 | 6°28'30  | 19°30 | 8° 3   | 17°10 | 19°45 | 27°41 | 15°20 | 0°46  | 22°36  | 16°42  | 12°13  | 11° 8 | 25° 4 | 24°36  |
| W22  | 22 36 42 | 7°26'43  | 1♁23  | 7° 4   | 18°20 | 20°23 | 27°51 | 15°24 | 0°50  | 22°35  | 16°40  | 12°12  | 11° 5 | 25°11 | 24°R36 |
| T 23 | 22 40 39 | 8°24'59  | 13°17 | 6° 7   | 19°29 | 21° 1 | 28° 2 | 15°28 | 0°54  | 22°33  | 16°39  | 12°D12 | 11° 2 | 25°18 | 24°36  |
| F 24 | 22 44 35 | 9°23'16  | 25°16 | 5°12   | 20°39 | 21°39 | 28°12 | 15°32 | 0°58  | 22°32  | 16°38  | 12°13  | 10°58 | 25°24 | 24°36  |
| S 25 | 22 48 32 | 10°21'36 | 7♁26  | 4°21   | 21°48 | 22°17 | 28°23 | 15°36 | 1° 1  | 22°31  | 16°37  | 12°14  | 10°55 | 25°31 | 24°36  |
| S 26 | 22 52 28 | 11°19'58 | 19°51 | 3°35   | 22°57 | 22°55 | 28°34 | 15°40 | 1° 5  | 22°30  | 16°36  | 12°16  | 10°52 | 25°38 | 24°36  |
| M27  | 22 56 25 | 12°18'22 | 2♁35  | 2°56   | 24° 6 | 23°33 | 28°45 | 15°44 | 1° 9  | 22°29  | 16°34  | 12°17  | 10°49 | 25°45 | 24°35  |
| T 28 | 23 0 22  | 13°16'47 | 15°40 | 2°23   | 25°16 | 24°12 | 28°55 | 15°49 | 1°13  | 22°28  | 16°33  | 12°R18 | 10°46 | 25°51 | 24°35  |
| W29  | 23 4 18  | 14°15'15 | 29° 7 | 1°59   | 26°25 | 24°50 | 29° 6 | 15°53 | 1°16  | 22°27  | 16°32  | 12°16  | 10°43 | 25°58 | 24°34  |
| T 30 | 23 8 15  | 15°13'45 | 12♁56 | 1°44   | 27°33 | 25°28 | 29°18 | 15°58 | 1°20  | 22°25  | 16°31  | 12°14  | 10°39 | 26° 5 | 24°34  |
| F 31 | 23 12 11 | 16♁12'16 | 27♁ 4 | 1°D37  | 28♁42 | 26♁ 6 | 29♁29 | 16♁ 2 | 1♁24  | 22°V24 | 16♁30  | 12♁10  | 10♁36 | 26♁11 | 24♁33  |

Delta T = 141.07 sec. Julian Calendar created from Swiss Ephemeris, Copyright Astrodienst AG [10.1.2003]

SWISS EPHEMERIS for the year 1543

SEPTEMBER 1543 JC

00:00 UT

| Day  | Sid.t    | ☉                     | ☽                  | ♀                  | ♁                  | ♂                  | ♃                  | ♄                  | ♅                 | ♆                   | ♇                   | ♈                   | ♉                  | ♊                  | ♋                   | ♌ | ♍ |
|------|----------|-----------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-------------------|---------------------|---------------------|---------------------|--------------------|--------------------|---------------------|---|---|
| S 1  | 23 16 8  | 17 <sup>h</sup> 10'50 | 11 <sup>h</sup> 26 | 1 <sup>h</sup> 40  | 29 <sup>h</sup> 51 | 26 <sup>h</sup> 44 | 29 <sup>h</sup> 40 | 16 <sup>h</sup> 7  | 1 <sup>h</sup> 27 | 22 <sup>h</sup> R23 | 16 <sup>h</sup> R29 | 12 <sup>h</sup> R 5 | 10 <sup>h</sup> 33 | 26 <sup>h</sup> 18 | 24 <sup>h</sup> R33 |   |   |
| S 2  | 23 20 4  | 18° 9'25              | 25°56              | 1°53               | 1 <sup>h</sup> 0   | 27°21              | 29°51              | 16°12              | 1°31              | 22 <sup>h</sup> Y21 | 16 <sup>h</sup> 28  | 11 <sup>h</sup> 59  | 10°30              | 26°25              | 24 <sup>h</sup> 32  |   |   |
| M 3  | 23 24 1  | 19° 8'02              | 10 <sup>h</sup> 28 | 2°15               | 2° 8               | 27°59              | 0 <sup>h</sup> 2   | 16°17              | 1°35              | 22°20               | 16°27               | 11°54               | 10°27              | 26°32              | 24°31               |   |   |
| T 4  | 23 27 57 | 20° 6'41              | 24°57              | 2°47               | 3°17               | 28°37              | 0°14               | 16°22              | 1°38              | 22°19               | 16°26               | 11°50               | 10°24              | 26°38              | 24°30               |   |   |
| W 5  | 23 31 54 | 21° 5'22              | 9 <sup>h</sup> 17  | 3°27               | 4°25               | 29°15              | 0°25               | 16°27              | 1°42              | 22°17               | 16°24               | 11°48               | 10°20              | 26°45              | 24°29               |   |   |
| T 6  | 23 35 51 | 22° 4'04              | 23°27              | 4°15               | 5°33               | 29°53              | 0°37               | 16°32              | 1°45              | 22°16               | 16°23               | 11°D48              | 10°17              | 26°52              | 24°28               |   |   |
| F 7  | 23 39 47 | 23° 2'48              | 7 <sup>h</sup> 23  | 5°12               | 6°41               | 0 <sup>h</sup> 31  | 0°49               | 16°37              | 1°49              | 22°15               | 16°22               | 11°48               | 10°14              | 26°59              | 24°27               |   |   |
| S 8  | 23 43 44 | 24° 1'34              | 21° 6              | 6°16               | 7°49               | 1° 9               | 1° 0               | 16°42              | 1°53              | 22°13               | 16°21               | 11°50               | 10°11              | 27° 5              | 24°26               |   |   |
| S 9  | 23 47 40 | 25° 0'22              | 4 <sup>h</sup> 36  | 7°27               | 8°57               | 1°47               | 1°12               | 16°47              | 1°56              | 22°12               | 16°20               | 11°51               | 10° 8              | 27°12              | 24°25               |   |   |
| M10  | 23 51 37 | 25°59'11              | 17°54              | 8°43               | 10° 5              | 2°25               | 1°24               | 16°52              | 2° 0              | 22°10               | 16°19               | 11°R51              | 10° 4              | 27°19              | 24°24               |   |   |
| T 11 | 23 55 33 | 26°58'02              | 1 <sup>h</sup> 0   | 10° 6              | 11°12              | 3° 3               | 1°36               | 16°58              | 2° 3              | 22° 9               | 16°19               | 11°49               | 10° 1              | 27°25              | 24°23               |   |   |
| W12  | 23 59 30 | 27°56'54              | 13°55              | 11°32              | 12°20              | 3°41               | 1°48               | 17° 3              | 2° 7              | 22° 7               | 16°18               | 11°45               | 9°58               | 27°32              | 24°21               |   |   |
| T 13 | 0 3 26   | 28°55'49              | 26°38              | 13° 3              | 13°27              | 4°18               | 2° 0               | 17° 8              | 2°10              | 22° 6               | 16°17               | 11°39               | 9°55               | 27°39              | 24°20               |   |   |
| F 14 | 0 7 23   | 29°54'46              | 9 <sup>h</sup> 9   | 14°38              | 14°34              | 4°56               | 2°12               | 17°14              | 2°14              | 22° 4               | 16°16               | 11°31               | 9°52               | 27°46              | 24°18               |   |   |
| S 15 | 0 11 19  | 0 <sup>h</sup> 53'45  | 21°29              | 16°15              | 15°41              | 5°34               | 2°24               | 17°20              | 2°17              | 22° 3               | 16°15               | 11°22               | 9°49               | 27°52              | 24°17               |   |   |
| S 16 | 0 15 16  | 1°52'46               | 3 <sup>h</sup> 39  | 17°55              | 16°48              | 6°12               | 2°36               | 17°25              | 2°20              | 22° 1               | 16°14               | 11°12               | 9°45               | 27°59              | 24°15               |   |   |
| M17  | 0 19 13  | 2°51'49               | 15°39              | 19°36              | 17°55              | 6°50               | 2°48               | 17°31              | 2°24              | 22° 0               | 16°13               | 11° 3               | 9°42               | 28° 0              | 24°14               |   |   |
| T 18 | 0 23 9   | 3°50'55               | 27°34              | 21°19              | 19° 1              | 7°28               | 3° 0               | 17°37              | 2°27              | 21°58               | 16°12               | 10°56               | 9°39               | 28°12              | 24°12               |   |   |
| W19  | 0 27 6   | 4°50'03               | 9 <sup>h</sup> 25  | 23° 4              | 20° 7              | 8° 5               | 3°13               | 17°42              | 2°30              | 21°56               | 16°12               | 10°50               | 9°36               | 28°19              | 24°10               |   |   |
| T 20 | 0 31 2   | 5°49'13               | 21°16              | 24°49              | 21°14              | 8°43               | 3°25               | 17°48              | 2°34              | 21°55               | 16°11               | 10°47               | 9°33               | 28°26              | 24° 8               |   |   |
| F 21 | 0 34 59  | 6°48'25               | 3 <sup>h</sup> 13  | 26°34              | 22°20              | 9°21               | 3°37               | 17°54              | 2°37              | 21°53               | 16°10               | 10°D45              | 9°30               | 28°33              | 24° 6               |   |   |
| S 22 | 0 38 55  | 7°47'40               | 15°20              | 28°20              | 23°26              | 9°59               | 3°50               | 18° 0              | 2°40              | 21°52               | 16° 9               | 10°46               | 9°26               | 28°39              | 24° 4               |   |   |
| S 23 | 0 42 52  | 8°46'58               | 27°43              | 0 <sup>h</sup> 7   | 24°31              | 10°36              | 4° 2               | 18° 6              | 2°44              | 21°50               | 16° 9               | 10°47               | 9°23               | 28°46              | 24° 2               |   |   |
| M24  | 0 46 48  | 9°46'17               | 10 <sup>h</sup> 25 | 1°53               | 25°37              | 11°14              | 4°15               | 18°12              | 2°47              | 21°48               | 16° 8               | 10°R47              | 9°20               | 28°53              | 24° 0               |   |   |
| T 25 | 0 50 45  | 10°45'39              | 23°33              | 3°39               | 26°42              | 11°52              | 4°27               | 18°18              | 2°50              | 21°47               | 16° 7               | 10°46               | 9°17               | 28°59              | 23°58               |   |   |
| W26  | 0 54 42  | 11°45'03              | 7 <sup>h</sup> 7   | 5°24               | 27°47              | 12°30              | 4°40               | 18°24              | 2°53              | 21°45               | 16° 7               | 10°43               | 9°14               | 29° 6              | 23°56               |   |   |
| T 27 | 0 58 38  | 12°44'29              | 21° 9              | 7°10               | 28°52              | 13° 7              | 4°53               | 18°30              | 2°56              | 21°43               | 16° 6               | 10°38               | 9°10               | 29°13              | 23°54               |   |   |
| F 28 | 1 2 35   | 13°43'58              | 5 <sup>h</sup> 35  | 8°55               | 29°57              | 13°45              | 5° 5               | 18°37              | 2°59              | 21°42               | 16° 5               | 10°30               | 9° 7               | 29°20              | 23°51               |   |   |
| S 29 | 1 6 31   | 14°43'28              | 20°21              | 10°39              | 1 <sup>h</sup> 2   | 14°23              | 5°18               | 18°43              | 3° 2              | 21°40               | 16° 5               | 10°21               | 9° 4               | 29°26              | 23°49               |   |   |
| S 30 | 1 10 28  | 15 <sup>h</sup> 43'01 | 5 <sup>h</sup> 18  | 12 <sup>h</sup> 23 | 2 <sup>h</sup> 6   | 15 <sup>h</sup> 1  | 5 <sup>h</sup> 31  | 18 <sup>h</sup> 49 | 3 <sup>h</sup> 5  | 21 <sup>h</sup> Y38 | 16 <sup>h</sup> 4   | 10 <sup>h</sup> 11  | 9 <sup>h</sup> 1   | 29 <sup>h</sup> 33 | 23 <sup>h</sup> 47  |   |   |

Delta T = 141.00 sec. Julian Calendar 1 Sept. 1543 == Greg. Calendar 11 Sept. 1543

OCTOBER 1543 JC

00:00 UT

| Day  | Sid.t   | ☉                     | ☽                  | ♀                 | ♁                 | ♂                  | ♃                  | ♄                  | ♅                 | ♆                   | ♇                 | ♈                 | ♉                 | ♊                  | ♋                  | ♌ | ♍ |
|------|---------|-----------------------|--------------------|-------------------|-------------------|--------------------|--------------------|--------------------|-------------------|---------------------|-------------------|-------------------|-------------------|--------------------|--------------------|---|---|
| M 1  | 1 14 24 | 16 <sup>h</sup> 42'35 | 20 <sup>h</sup> 17 | 14 <sup>h</sup> 6 | 3 <sup>h</sup> 10 | 15 <sup>h</sup> 38 | 5 <sup>h</sup> 44  | 18 <sup>h</sup> 56 | 3 <sup>h</sup> 8  | 21°R37              | 16°R 4            | 10°R 1            | 8 <sup>h</sup> 58 | 29 <sup>h</sup> 40 | 23°R44             |   |   |
| T 2  | 1 18 21 | 17°42'12              | 5 <sup>h</sup> 8   | 15°49             | 4°14              | 16°16              | 5°57               | 19° 2              | 3°11              | 21°Y35              | 16 <sup>h</sup> 3 | 9 <sup>h</sup> 53 | 8°55              | 29°46              | 23 <sup>h</sup> 42 |   |   |
| W 3  | 1 22 17 | 18°41'50              | 19°45              | 17°31             | 5°18              | 16°54              | 6°10               | 19° 8              | 3°14              | 21°33               | 16° 3             | 9°47              | 8°51              | 29°53              | 23°39              |   |   |
| T 4  | 1 26 14 | 19°41'30              | 4 <sup>h</sup> 2   | 2°12              | 6°21              | 17°31              | 6°22               | 19°15              | 3°17              | 21°32               | 16° 2             | 9°44              | 8°48              | 0 <sup>h</sup> 0   | 23°37              |   |   |
| F 5  | 1 30 11 | 20°41'12              | 17°59              | 20°53             | 7°24              | 18° 9              | 6°35               | 19°21              | 3°20              | 21°30               | 16° 2             | 9°D44             | 8°45              | 0° 7               | 23°34              |   |   |
| S 6  | 1 34 7  | 21°40'56              | 1 <sup>h</sup> 35  | 22°33             | 8°27              | 18°47              | 6°48               | 19°28              | 3°23              | 21°28               | 16° 2             | 9°44              | 8°42              | 0°13               | 23°31              |   |   |
| S 7  | 1 38 4  | 22°40'41              | 14°52              | 24°13             | 9°30              | 19°24              | 7° 1               | 19°34              | 3°25              | 21°27               | 16° 1             | 9°R44             | 8°39              | 0°20               | 23°29              |   |   |
| M 8  | 1 42 0  | 23°40'28              | 27°53              | 25°52             | 10°32             | 20° 2              | 7°14               | 19°41              | 3°28              | 21°25               | 16° 1             | 9°42              | 8°35              | 0°27               | 23°26              |   |   |
| T 9  | 1 45 57 | 24°40'16              | 10 <sup>h</sup> 40 | 27°30             | 11°34             | 20°40              | 7°27               | 19°48              | 3°31              | 21°23               | 16° 1             | 9°39              | 8°32              | 0°33               | 23°23              |   |   |
| W10  | 1 49 53 | 25°40'07              | 23°16              | 29° 8             | 12°36             | 21°17              | 7°40               | 19°54              | 3°34              | 21°22               | 16° 0             | 9°32              | 8°29              | 0°40               | 23°20              |   |   |
| T 11 | 1 53 50 | 26°39'59              | 5 <sup>h</sup> Y42 | 0 <sup>h</sup> 46 | 13°37             | 21°55              | 7°54               | 20° 1              | 3°36              | 21°20               | 16° 0             | 9°23              | 8°26              | 0°47               | 23°18              |   |   |
| F 12 | 1 57 46 | 27°39'53              | 17°59              | 2°22              | 14°38             | 22°32              | 8° 7               | 20° 8              | 3°39              | 21°18               | 16° 0             | 9°11              | 8°23              | 0°54               | 23°15              |   |   |
| S 13 | 2 1 43  | 28°39'49              | 0 <sup>h</sup> 8   | 3°59              | 15°38             | 23°10              | 8°20               | 20°15              | 3°41              | 21°17               | 15°59             | 8°57              | 8°20              | 1° 0               | 23°12              |   |   |
| S 14 | 2 5 40  | 29°39'47              | 12°10              | 5°35              | 16°39             | 23°48              | 8°33               | 20°21              | 3°44              | 21°15               | 15°59             | 8°43              | 8°16              | 1° 7               | 23° 9              |   |   |
| M15  | 2 9 36  | 0 <sup>h</sup> 39'46  | 24° 7              | 7°10              | 17°39             | 24°25              | 8°46               | 20°28              | 3°46              | 21°13               | 15°59             | 8°29              | 8°13              | 1°14               | 23° 6              |   |   |
| T 16 | 2 13 33 | 1°39'48               | 5 <sup>h</sup> Y59 | 8°45              | 18°38             | 25° 3              | 8°59               | 20°35              | 3°49              | 21°12               | 15°59             | 8°17              | 8°10              | 1°20               | 23° 3              |   |   |
| W17  | 2 17 29 | 2°39'52               | 17°48              | 10°19             | 19°37             | 25°40              | 9°12               | 20°42              | 3°51              | 21°10               | 15°59             | 8° 7              | 8° 7              | 1°27               | 23° 0              |   |   |
| T 18 | 2 21 26 | 3°39'58               | 29°39              | 11°53             | 20°36             | 26°18              | 9°26               | 20°49              | 3°53              | 21° 8               | 15°59             | 8° 0              | 8° 4              | 1°34               | 22°57              |   |   |
| F 19 | 2 25 22 | 4°40'07               | 11 <sup>h</sup> 34 | 13°27             | 21°34             | 26°55              | 9°39               | 20°56              | 3°56              | 21° 7               | 15°59             | 7°57              | 8° 1              | 1°40               | 22°53              |   |   |
| S 20 | 2 29 19 | 5°40'17               | 23°38              | 15° 0             | 22°32             | 27°33              | 9°52               | 21° 3              | 3°58              | 21° 5               | 15°59             | 7°55              | 7°57              | 1°47               | 22°50              |   |   |
| S 21 | 2 33 15 | 6°40'29               | 5 <sup>h</sup> 56  | 16°32             | 23°29             | 28°10              | 10° 5              | 21° 9              | 4° 0              | 21° 3               | 15°D59            | 7°55              | 7°54              | 1°54               | 22°47              |   |   |
| M22  | 2 37 12 | 7°40'43               | 18°34              | 18° 5             | 24°26             | 28°48              | 10°18              | 21°16              | 4° 2              | 21° 2               | 15°59             | 7°55              | 7°51              | 2° 1               | 22°44              |   |   |
| T 23 | 2 41 9  | 8°41'00               | 1 <sup>h</sup> 35  | 19°37             | 25°22             | 29°25              | 10°32              | 21°23              | 4° 4              | 21° 0               | 15°59             | 7°53              | 7°48              | 2° 7               | 22°41              |   |   |
| W24  | 2 45 5  | 9°41'18               | 15° 6              | 21° 8             | 26°18             | 0 <sup>h</sup> 3   | 10°45              | 21°30              | 4° 7              | 20°59               | 15°59             | 7°50              | 7°45              | 2°14               | 22°37              |   |   |
| T 25 | 2 49 2  | 10°41'39              | 29° 6              | 22°40             | 27°14             | 0°40               | 10°58              | 21°37              | 4° 9              | 20°57               | 15°59             | 7°44              | 7°41              | 2°21               | 22°34              |   |   |
| F 26 | 2 52 58 | 11°42'01              | 13 <sup>h</sup> 36 | 24°10             | 28° 8             | 1°18               | 11°11              | 21°44              | 4°11              | 20°56               | 15°59             | 7°35              | 7°38              | 2°27               | 22°31              |   |   |
| S 27 | 2 56 55 | 12°42'25              | 28°31              | 25°41             | 29° 3             | 1°55               | 11°25              | 21°52              | 4°12              | 20°54               | 15°59             | 7°25              | 7°35              | 2°34               | 22°28              |   |   |
| S 28 | 3 0 51  | 13°42'51              | 13 <sup>h</sup> 43 | 27°11             | 29°56             | 2°33               | 11°38              | 21°59              | 4°14              | 20°52               | 15°59             | 7°13              | 7°32              | 2°41               | 22°24              |   |   |
| M29  | 3 4 48  | 14°43'19              | 29° 0              | 28°41             | 0 <sup>h</sup> 49 | 3°10               | 11°51              | 22° 6              | 4°16              | 20°51               | 16° 0             | 7° 2              | 7°29              | 2°48               | 22°21              |   |   |
| T 30 | 3 8 44  | 15°43'48              | 14 <sup>h</sup> 12 | 0 <sup>h</sup> 10 | 1°41              | 3°47               | 12° 5              | 22°13              | 4°18              | 20°49               | 16° 0             | 6°52              | 7°26              | 2°54               | 22°18              |   |   |
| W31  | 3 12 41 | 16 <sup>h</sup> 44'19 | 29 <sup>h</sup> 9  | 1 <sup>h</sup> 39 | 2 <sup>h</sup> 33 | 4 <sup>h</sup> 25  | 12 <sup>h</sup> 18 | 22 <sup>h</sup> 20 | 4 <sup>h</sup> 20 | 20 <sup>h</sup> Y48 | 16 <sup>h</sup> 0 | 6 <sup>h</sup> 45 | 7 <sup>h</sup> 22 | 3 <sup>h</sup> Y 1 | 22 <sup>h</sup> 14 |   |   |

Delta T = 140.94 sec. Julian Calendar created from Swiss Ephemeris, Copyright Astrodienst AG [10.1.2003]

SWISS EPHEMERIS for the year 1543

NOVEMBER 1543 JC

00:00 UT

| Day  | Sid.t   | ☉        | ☽     | ♀     | ♁     | ♂     | ♃     | ♅     | ♁    | ♁      | ♁     | ♁     | ♁    | ♁    | ♁      |
|------|---------|----------|-------|-------|-------|-------|-------|-------|------|--------|-------|-------|------|------|--------|
| T 1  | 3 16 38 | 17♏44'51 | 13♌42 | 3♊8   | 3♌24  | 5♉2   | 12♏31 | 22♏27 | 4♏21 | 20°R47 | 16♏0  | 6°R41 | 7♏19 | 3♏8  | 22°R11 |
| F 2  | 3 20 34 | 18°45'25 | 27°50 | 4°36  | 4°14  | 5°40  | 12°44 | 22°34 | 4°23 | 20°Y45 | 16°1  | 6°40  | 7°16 | 3°14 | 22°8   |
| S 3  | 3 24 31 | 19°46'00 | 11♏31 | 6°4   | 5°3   | 6°17  | 12°58 | 22°41 | 4°25 | 20°44  | 16°1  | 6°D39 | 7°13 | 3°21 | 22°4   |
| S 4  | 3 28 27 | 20°46'35 | 24°48 | 7°31  | 5°52  | 6°54  | 13°11 | 22°48 | 4°26 | 20°42  | 16°1  | 6°R39 | 7°10 | 3°28 | 22°1   |
| M 5  | 3 32 24 | 21°47'12 | 7♋43  | 8°58  | 6°40  | 7°32  | 13°24 | 22°55 | 4°28 | 20°41  | 16°2  | 6°38  | 7°7  | 3°35 | 21°57  |
| T 6  | 3 36 20 | 22°47'51 | 20°21 | 10°24 | 7°26  | 8°9   | 13°37 | 23°2  | 4°29 | 20°39  | 16°2  | 6°35  | 7°3  | 3°41 | 21°54  |
| W 7  | 3 40 17 | 23°48'30 | 2°Y45 | 11°49 | 8°12  | 8°46  | 13°50 | 23°9  | 4°30 | 20°38  | 16°3  | 6°29  | 7°0  | 3°48 | 21°51  |
| T 8  | 3 44 13 | 24°49'10 | 14°59 | 13°13 | 8°57  | 9°24  | 14°3  | 23°17 | 4°32 | 20°37  | 16°3  | 6°21  | 6°57 | 3°55 | 21°47  |
| F 9  | 3 48 10 | 25°49'52 | 27°4  | 14°37 | 9°41  | 10°1  | 14°17 | 23°24 | 4°33 | 20°35  | 16°4  | 6°9   | 6°54 | 4°1  | 21°44  |
| S 10 | 3 52 7  | 26°50'35 | 9♁4   | 15°59 | 10°24 | 10°38 | 14°30 | 23°31 | 4°34 | 20°34  | 16°4  | 5°56  | 6°51 | 4°8  | 21°41  |
| S 11 | 3 56 3  | 27°51'20 | 21°0  | 17°21 | 11°6  | 11°15 | 14°43 | 23°38 | 4°35 | 20°33  | 16°5  | 5°43  | 6°47 | 4°15 | 21°37  |
| M12  | 4 0 0   | 28°52'05 | 2♏52  | 18°41 | 11°46 | 11°53 | 14°56 | 23°45 | 4°36 | 20°32  | 16°5  | 5°30  | 6°44 | 4°22 | 21°34  |
| T 13 | 4 3 56  | 29°52'52 | 14°44 | 19°59 | 12°26 | 12°30 | 15°9  | 23°52 | 4°37 | 20°30  | 16°6  | 5°18  | 6°41 | 4°28 | 21°30  |
| W14  | 4 7 53  | 0♊53'40  | 26°35 | 21°16 | 13°4  | 13°7  | 15°22 | 23°59 | 4°38 | 20°29  | 16°6  | 5°9   | 6°38 | 4°35 | 21°27  |
| T 15 | 4 11 49 | 1°54'30  | 8♌28  | 22°31 | 13°41 | 13°44 | 15°35 | 24°6  | 4°39 | 20°28  | 16°7  | 5°3   | 6°35 | 4°42 | 21°24  |
| F 16 | 4 15 46 | 2°55'21  | 20°26 | 23°43 | 14°17 | 14°21 | 15°48 | 24°13 | 4°40 | 20°27  | 16°8  | 4°59  | 6°32 | 4°48 | 21°21  |
| S 17 | 4 19 42 | 3°56'13  | 2♏32  | 24°53 | 14°51 | 14°59 | 16°1  | 24°20 | 4°41 | 20°26  | 16°8  | 4°D58 | 6°28 | 4°55 | 21°17  |
| S 18 | 4 23 39 | 4°57'07  | 14°50 | 26°0  | 15°24 | 15°36 | 16°14 | 24°27 | 4°42 | 20°25  | 16°9  | 4°58  | 6°25 | 5°2  | 21°14  |
| M19  | 4 27 36 | 5°58'01  | 27°25 | 27°3  | 15°55 | 16°13 | 16°27 | 24°34 | 4°42 | 20°24  | 16°10 | 4°59  | 6°22 | 5°8  | 21°11  |
| T 20 | 4 31 32 | 6°58'58  | 10♏21 | 28°2  | 16°25 | 16°50 | 16°40 | 24°41 | 4°43 | 20°23  | 16°11 | 4°R59 | 6°19 | 5°15 | 21°8   |
| W21  | 4 35 29 | 7°59'55  | 23°42 | 28°57 | 16°53 | 17°27 | 16°53 | 24°48 | 4°44 | 20°22  | 16°12 | 4°58  | 6°16 | 5°22 | 21°4   |
| T 22 | 4 39 25 | 9°0'54   | 7♁32  | 29°46 | 17°20 | 18°4  | 17°5  | 24°55 | 4°44 | 20°21  | 16°12 | 4°55  | 6°13 | 5°29 | 21°1   |
| F 23 | 4 43 22 | 10°1'54  | 21°51 | 0♌29  | 17°44 | 18°41 | 17°18 | 25°2  | 4°45 | 20°20  | 16°13 | 4°49  | 6°9  | 5°35 | 20°58  |
| S 24 | 4 47 18 | 11°2'55  | 6♏37  | 1°6   | 18°7  | 19°18 | 17°31 | 25°9  | 4°45 | 20°19  | 16°14 | 4°42  | 6°6  | 5°42 | 20°55  |
| S 25 | 4 51 15 | 12°3'57  | 21°44 | 1°35  | 18°29 | 19°55 | 17°44 | 25°16 | 4°46 | 20°18  | 16°15 | 4°33  | 6°3  | 5°49 | 20°52  |
| M26  | 4 55 11 | 13°5'00  | 7♊1   | 1°56  | 18°48 | 20°33 | 17°56 | 25°23 | 4°46 | 20°17  | 16°16 | 4°25  | 6°0  | 5°55 | 20°49  |
| T 27 | 4 59 8  | 14°6'04  | 22°20 | 2°7   | 19°5  | 21°10 | 18°9  | 25°30 | 4°46 | 20°16  | 16°17 | 4°18  | 5°57 | 6°2  | 20°46  |
| W28  | 5 3 5   | 15°7'09  | 7♁27  | 2°R 8 | 19°20 | 21°46 | 18°22 | 25°37 | 4°46 | 20°15  | 16°18 | 4°13  | 5°53 | 6°9  | 20°43  |
| T 29 | 5 7 1   | 16°8'15  | 22°14 | 1°58  | 19°33 | 22°23 | 18°34 | 25°44 | 4°46 | 20°14  | 16°19 | 4°10  | 5°50 | 6°16 | 20°40  |
| F 30 | 5 10 58 | 17°9'21  | 6♏36  | 1♌37  | 19°44 | 23°0  | 18°47 | 25°50 | 4♏47 | 20°Y14 | 16°20 | 4°D 9 | 5°47 | 6°22 | 20°37  |

Delta T = 140.87 sec. Julian Calendar 1 Nov. 1543 == Greg. Calendar 11 Nov. 1543

DECEMBER 1543 JC

00:00 UT

| Day  | Sid.t   | ☉        | ☽      | ♀      | ♁      | ♂     | ♃     | ♅     | ♁     | ♁      | ♁     | ♁     | ♁    | ♁    | ♁      |
|------|---------|----------|--------|--------|--------|-------|-------|-------|-------|--------|-------|-------|------|------|--------|
| S 1  | 5 14 54 | 18°10'27 | 20♏29  | 1°R 4  | 19°53  | 23°37 | 18°59 | 25°57 | 4°R47 | 20°R13 | 16°21 | 4°10  | 5°44 | 6°29 | 20°R34 |
| S 2  | 5 18 51 | 19°11'34 | 3♋55   | 0♌19   | 19°59  | 24°14 | 19°11 | 26°4  | 4♏47  | 20°Y12 | 16°22 | 4°12  | 5°41 | 6°36 | 20°31  |
| M 3  | 5 22 47 | 20°12'41 | 16°55  | 29°24  | 20°3   | 24°51 | 19°24 | 26°11 | 4°46  | 20°12  | 16°23 | 4°R12 | 5°38 | 6°42 | 20°28  |
| T 4  | 5 26 44 | 21°13'48 | 29°33  | 28°19  | 20°R 4 | 25°28 | 19°36 | 26°17 | 4°46  | 20°11  | 16°24 | 4°12  | 5°34 | 6°49 | 20°25  |
| W 5  | 5 30 40 | 22°14'55 | 11°Y55 | 27°6   | 20°3   | 26°5  | 19°48 | 26°24 | 4°46  | 20°10  | 16°25 | 4°10  | 5°31 | 6°56 | 20°23  |
| T 6  | 5 34 37 | 23°16'03 | 24°4   | 25°47  | 20°0   | 26°41 | 20°0  | 26°31 | 4°46  | 20°10  | 16°26 | 4°6   | 5°28 | 7°2  | 20°20  |
| F 7  | 5 38 34 | 24°17'10 | 6♁3    | 24°25  | 19°54  | 27°18 | 20°13 | 26°37 | 4°46  | 20°9   | 16°28 | 4°0   | 5°25 | 7°9  | 20°17  |
| S 8  | 5 42 30 | 25°18'18 | 17°57  | 23°3   | 19°46  | 27°55 | 20°25 | 26°44 | 4°45  | 20°9   | 16°29 | 3°53  | 5°22 | 7°16 | 20°15  |
| S 9  | 5 46 27 | 26°19'27 | 29°49  | 21°42  | 19°34  | 28°32 | 20°37 | 26°50 | 4°45  | 20°8   | 16°30 | 3°45  | 5°19 | 7°23 | 20°12  |
| M10  | 5 50 23 | 27°20'35 | 11♏40  | 20°27  | 19°21  | 29°8  | 20°49 | 26°57 | 4°44  | 20°8   | 16°31 | 3°38  | 5°15 | 7°29 | 20°10  |
| T 11 | 5 54 20 | 28°21'44 | 23°33  | 19°19  | 19°5   | 29°45 | 21°0  | 27°3  | 4°44  | 20°7   | 16°33 | 3°32  | 5°12 | 7°36 | 20°7   |
| W12  | 5 58 16 | 29°22'53 | 5♁29   | 18°19  | 18°47  | 0♏22  | 21°12 | 27°10 | 4°43  | 20°7   | 16°34 | 3°27  | 5°9  | 7°43 | 20°5   |
| T 13 | 6 2 13  | 0♌24'02  | 17°29  | 17°29  | 18°26  | 0°58  | 21°24 | 27°16 | 4°43  | 20°7   | 16°35 | 3°24  | 5°6  | 7°49 | 20°2   |
| F 14 | 6 6 10  | 1°25'12  | 29°37  | 16°49  | 18°3   | 1°35  | 21°36 | 27°22 | 4°42  | 20°6   | 16°36 | 3°D23 | 5°3  | 7°56 | 20°0   |
| S 15 | 6 10 6  | 2°26'21  | 11♏53  | 16°19  | 17°38  | 2°12  | 21°47 | 27°28 | 4°41  | 20°6   | 16°38 | 3°23  | 4°59 | 8°3  | 19°58  |
| S 16 | 6 14 3  | 3°27'31  | 24°20  | 16°1   | 17°10  | 2°48  | 21°59 | 27°35 | 4°40  | 20°6   | 16°39 | 3°24  | 4°56 | 8°9  | 19°56  |
| M17  | 6 17 59 | 4°28'41  | 7♏1    | 15°D52 | 16°41  | 3°25  | 22°10 | 27°41 | 4°40  | 20°6   | 16°40 | 3°26  | 4°53 | 8°16 | 19°53  |
| T 18 | 6 21 56 | 5°29'52  | 19°59  | 15°52  | 16°10  | 4°1   | 22°22 | 27°47 | 4°39  | 20°6   | 16°42 | 3°28  | 4°50 | 8°23 | 19°51  |
| W19  | 6 25 52 | 6°31'02  | 3♁18   | 16°1   | 15°38  | 4°38  | 22°33 | 27°53 | 4°38  | 20°5   | 16°43 | 3°R28 | 4°47 | 8°30 | 19°49  |
| T 20 | 6 29 49 | 7°32'13  | 16°58  | 16°19  | 15°4   | 5°14  | 22°44 | 27°59 | 4°37  | 20°5   | 16°45 | 3°28  | 4°44 | 8°36 | 19°47  |
| F 21 | 6 33 45 | 8°33'24  | 1♏3    | 16°43  | 14°30  | 5°50  | 22°55 | 28°5  | 4°36  | 20°5   | 16°46 | 3°27  | 4°40 | 8°43 | 19°45  |
| S 22 | 6 37 42 | 9°34'36  | 15°29  | 17°15  | 13°54  | 6°27  | 23°6  | 28°11 | 4°34  | 20°D 5 | 16°47 | 3°24  | 4°37 | 8°50 | 19°44  |
| S 23 | 6 41 39 | 10°35'47 | 0♊15   | 17°52  | 13°18  | 7°3   | 23°17 | 28°17 | 4°33  | 20°5   | 16°49 | 3°21  | 4°34 | 8°56 | 19°42  |
| M24  | 6 45 35 | 11°36'59 | 15°14  | 18°35  | 12°41  | 7°39  | 23°28 | 28°23 | 4°32  | 20°5   | 16°50 | 3°18  | 4°31 | 9°3  | 19°40  |
| T 25 | 6 49 32 | 12°38'10 | 0♌18   | 19°22  | 12°5   | 8°16  | 23°39 | 28°28 | 4°31  | 20°5   | 16°52 | 3°15  | 4°28 | 9°10 | 19°38  |
| W26  | 6 53 28 | 13°39'22 | 15°18  | 20°14  | 11°28  | 8°52  | 23°50 | 28°34 | 4°30  | 20°5   | 16°53 | 3°13  | 4°25 | 9°16 | 19°37  |
| T 27 | 6 57 25 | 14°40'33 | 0♋4    | 21°9   | 10°52  | 9°28  | 24°1  | 28°40 | 4°28  | 20°6   | 16°55 | 3°D12 | 4°21 | 9°23 | 19°35  |
| F 28 | 7 1 21  | 15°41'43 | 14°31  | 22°8   | 10°16  | 10°4  | 24°11 | 28°45 | 4°27  | 20°6   | 16°56 | 3°13  | 4°18 | 9°30 | 19°34  |
| S 29 | 7 5 18  | 16°42'53 | 28°32  | 23°10  | 9°42   | 10°40 | 24°22 | 28°51 | 4°25  | 20°6   | 16°58 | 3°14  | 4°15 | 9°37 | 19°32  |
| S 30 | 7 9 14  | 17°44'02 | 12♋7   | 24°15  | 9°8    | 11°17 | 24°32 | 28°56 | 4°24  | 20°6   | 17°0  | 3°15  | 4°12 | 9°43 | 19°31  |
| M31  | 7 13 11 | 18°45'10 | 25♋16  | 25°22  | 8°36   | 11°53 | 24°42 | 29°0  | 4♏22  | 20°Y 7 | 17°1  | 3°16  | 4°9  | 9°50 | 19°30  |

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