

SWISS EPHEMERIS for the year 1621

JANUARY 1621 GC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
F 1	6 43 2	10♌54'28	10♍5	0♋8	25♎48	22♏15	11°R 4	2°R39	1°R34	13♌55	11°R34	16°D22	15♌17	21♋56	2♋16
S 2	6 46 58	11°55'38	22°28	1° 2	26°56	22°46	11♌ 3	2♌34	1♌32	13°55	11♌34	16♌22	15°14	22° 2	2°19
S 3	6 50 55	12°56'48	5♌ 9	1°50	28° 5	23°18	11° 2	2°29	1°29	13°55	11°33	16°24	15°11	22° 9	2°22
M 4	6 54 51	13°57'57	18°14	2°29	29°13	23°49	11° 2	2°24	1°27	13°56	11°33	16°25	15° 7	22°16	2°25
T 5	6 58 48	14°59'05	1♈46	3° 0	0♌22	24°20	11°D 2	2°19	1°24	13°56	11°32	16°27	15° 4	22°22	2°28
W 6	7 2 44	16° 0'13	15°44	3°21	1°31	24°50	11° 2	2°15	1°22	13°57	11°32	16°R27	15° 1	22°29	2°31
T 7	7 6 41	17° 1'21	0♌ 9	3°R31	2°40	25°21	11° 3	2°10	1°19	13°57	11°31	16°27	14°58	22°36	2°34
F 8	7 10 37	18° 2'28	14°55	3°30	3°49	25°52	11° 3	2° 5	1°17	13°57	11°31	16°25	14°55	22°43	2°37
S 9	7 14 34	19° 3'34	29°56	3°17	4°59	26°22	11° 4	2° 0	1°14	13°57	11°31	16°21	14°52	22°49	2°40
S 10	7 18 31	20° 4'40	15♎ 2	2°53	6° 8	26°52	11° 5	1°56	1°12	13°57	11°30	16°16	14°48	22°56	2°43
M 11	7 22 27	21° 5'46	0♎ 4	2°17	7°18	27°22	11° 6	1°51	1° 9	13°58	11°30	16°11	14°45	23° 3	2°46
T 12	7 26 24	22° 6'51	14°53	1°30	8°28	27°52	11° 7	1°47	1° 7	13°58	11°30	16° 6	14°42	23° 9	2°50
W 13	7 30 20	23° 7'56	29°23	0°33	9°37	28°22	11° 9	1°42	1° 4	13°58	11°30	16° 2	14°39	23°16	2°53
T 14	7 34 17	24° 9'00	13♌28	29♌28	10°47	28°52	11°11	1°38	1° 1	13°58	11°29	16° 0	14°36	23°23	2°56
F 15	7 38 13	25°10'05	27°11	28°17	11°58	29°21	11°13	1°34	0°59	13°R58	11°29	15°D59	14°33	23°30	2°59
S 16	7 42 10	26°11'09	10♎31	27° 2	13° 8	29°51	11°15	1°29	0°56	13°58	11°29	16° 0	14°29	23°36	3° 3
S 17	7 46 6	27°12'12	23°30	25°45	14°18	0♎20	11°17	1°25	0°54	13°58	11°29	16° 1	14°26	23°43	3° 6
M 18	7 50 3	28°13'15	6♌11	24°28	15°29	0°49	11°20	1°21	0°51	13°58	11°28	16° 3	14°23	23°50	3°10
T 19	7 54 0	29°14'17	18°39	23°15	16°39	1°18	11°22	1°17	0°48	13°57	11°28	16°R 3	14°20	23°56	3°13
W 20	7 57 56	0♋15'19	0♌56	22° 6	17°50	1°46	11°25	1°13	0°46	13°57	11°28	16° 2	14°17	24° 3	3°16
T 21	8 1 53	1°16'20	13° 5	21° 3	19° 1	2°15	11°28	1° 9	0°43	13°57	11°28	15°58	14°13	24°10	3°20
F 22	8 5 49	2°17'21	25° 6	20° 7	20°12	2°43	11°32	1° 5	0°41	13°57	11°28	15°53	14°10	24°17	3°23
S 23	8 9 46	3°18'20	7♋ 3	19°20	21°23	3°11	11°35	1° 1	0°38	13°57	11°28	15°45	14° 7	24°23	3°27
S 24	8 13 42	4°19'18	18°57	18°42	22°34	3°39	11°39	0°57	0°35	13°56	11°28	15°35	14° 4	24°30	3°31
M 25	8 17 39	5°20'15	0♈49	18°12	23°45	4° 7	11°43	0°54	0°33	13°56	11°D28	15°25	14° 1	24°37	3°34
T 26	8 21 35	6°21'11	12°40	17°51	24°56	4°35	11°47	0°50	0°30	13°56	11°28	15°15	13°58	24°43	3°38
W 27	8 25 32	7°22'06	24°33	17°38	26° 7	5° 2	11°51	0°47	0°27	13°55	11°28	15° 6	13°54	24°50	3°41
T 28	8 29 29	8°22'59	6♍31	17°D34	27°18	5°29	11°56	0°43	0°25	13°55	11°28	14°59	13°51	24°57	3°45
F 29	8 33 25	9°23'51	18°37	17°37	28°30	5°56	12° 1	0°40	0°22	13°54	11°28	14°54	13°48	25° 4	3°49
S 30	8 37 22	10°24'42	0♌56	17°47	29°41	6°23	12° 5	0°37	0°20	13°54	11°28	14°51	13°45	25°10	3°52
S 31	8 41 18	11°25'31	13♌31	18♌ 4	0♌53	6♎49	12♌10	0♌34	0♌17	13♌53	11♌28	14°D51	13♌42	25♌17	3♌56

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	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat		
F 1	23s 2	8n25	4n48	20s59	0s51	16s31	2n48	7s 5	1n43	14n10	1s 4	22n39	0s49	20n27	0n36	4s 0	1n38	0n34	15s30	22s47	22s40	9s45	5s45	5n17
S 2	22 57	12 41	4 14	20 55	0 38	16 48	2 47	7 16	1 44	14 10	1 4	22 39	0 49	20 27	0 36	4 0	1 38	0 34	15 29	22 47	22 40	9 43	5 45	5 16
S 3	22 51	16 31	3 28	20 11	0 24	17 5	2 46	7 28	1 44	14 10	1 4	22 39	0 49	20 28	0 36	4 0	1 38	0 34	15 29	22 47	22 40	9 40	5 44	5 16
M 4	22 45	19 41	2 29	19 47	0 9	17 21	2 44	7 39	1 44	14 10	1 3	22 40	0 48	20 28	0 37	4 0	1 38	0 34	15 29	22 48	22 39	9 38	5 43	5 16
T 5	22 39	21 51	1 20	19 25	0n 7	17 37	2 43	7 50	1 44	14 10	1 3	22 40	0 48	20 29	0 37	4 0	1 38	0 34	15 28	22 48	22 39	9 35	5 42	5 16
W 6	22 32	22 47	0 4	19 4	0 24	17 53	2 41	8 1	1 44	14 11	1 3	22 40	0 48	20 29	0 37	4 0	1 38	0 35	15 28	22 48	22 39	9 33	5 41	5 15
T 7	22 24	22 15	1s14	18 44	0 41	18 8	2 39	8 12	1 45	14 11	1 2	22 40	0 48	20 30	0 37	4 0	1 38	0 35	15 28	22 48	22 38	9 30	5 41	5 15
F 8	22 16	20 11	2 29	18 27	1 0	18 23	2 38	8 23	1 45	14 11	1 2	22 40	0 48	20 31	0 37	4 1	1 38	0 35	15 27	22 48	22 38	9 28	5 40	5 15
S 9	22 8	16 42	3 35	18 11	1 18	18 37	2 36	8 34	1 45	14 12	1 2	22 41	0 48	20 31	0 37	4 1	1 38	0 35	15 27	22 47	22 38	9 25	5 39	5 15
S 10	21 59	12 7	4 27	17 59	1 37	18 51	2 34	8 45	1 45	14 13	1 1	22 41	0 48	20 32	0 37	4 1	1 38	0 35	15 27	22 47	22 37	9 23	5 38	5 14
M 11	21 50	6 48	4 59	17 49	1 56	19 5	2 32	8 55	1 45	14 13	1 1	22 41	0 48	20 32	0 37	4 1	1 38	0 36	15 26	22 46	22 37	9 20	5 37	5 14
T 12	21 40	1 11	5 11	17 42	2 14	19 18	2 30	9 6	1 45	14 14	1 1	22 41	0 47	20 33	0 37	4 1	1 38	0 36	15 26	22 46	22 37	9 18	5 36	5 14
W 13	21 30	4s23	5 3	17 37	2 31	19 31	2 27	9 16	1 45	14 15	1 1	22 41	0 47	20 33	0 37	4 1	1 38	0 36	15 26	22 45	22 36	9 16	5 35	5 14
T 14	21 20	9 34	4 36	17 36	2 46	19 43	2 25	9 27	1 46	14 15	1 0	22 42	0 47	20 34	0 37	4 0	1 38	0 36	15 25	22 45	22 36	9 13	5 34	5 13
F 15	21 9	14 8	3 55	17 36	3 0	19 55	2 23	9 37	1 46	14 16	1 0	22 42	0 47	20 35	0 37	4 0	1 38	0 37	15 25	22 45	22 35	9 11	5 33	5 13
S 16	20 57	17 52	3 1	17 40	3 12	20 6	2 20	9 47	1 46	14 17	1 0	22 42	0 47	20 35	0 37	4 0	1 38	0 37	15 25	22 45	22 35	9 8	5 32	5 13
S 17	20 46	20 37	1 59	17 45	3 21	20 17	2 18	9 57	1 46	14 18	0 59	22 42	0 47	20 36	0 37	4 0	1 39	0 37	15 24	22 45	22 35	9 6	5 32	5 13
M 18	20 34	22 16	0 53	17 52	3 28	20 27	2 15	10 7	1 46	14 19	0 59	22 42	0 47	20 36	0 37	4 0	1 39	0 37	15 24	22 45	22 34	9 3	5 31	5 12
T 19	20 21	22 46	0n14	18 0	3 32	20 37	2 12	10 17	1 46	14 20	0 59	22 43	0 46	20 37	0 37	4 0	1 39	0 38	15 24	22 45	22 34	9 1	5 29	5 12
W 20	20 8	22 9	1 20	18 9	3 34	20 47	2 10	10 27	1 46	14 22	0 59	22 43	0 46	20 37	0 37	4 0	1 39	0 38	15 23	22 45	22 34	8 58	5 28	5 12
T 21	19 55	20 30	2 21	18 19	3 33	20 55	2 7	10 37	1 47	14 23	0 58	22 43	0 46	20 38	0 37	4 0	1 39	0 38	15 23	22 45	22 33	8 56	5 27	5 12
F 22	19 41	17 58	3 15	18 30	3 31	21 4	2 4	10 46	1 47	14 24	0 58	22 43	0 46	20 39	0 37	4 0	1 39	0 39	15 23	22 44	22 33	8 53	5 26	5 11
S 23	19 27	14 41	4 0	18 41	3 26	21 12	2 1	10 56	1 47	14 26	0 58	22 43	0 46	20 39	0 37	4 0	1 39	0 39	15 22	22 43	22 32	8 51	5 25	5 11
S 24	19																							

SWISS EPHEMERIS for the year 1621

FEBRUARY 1621 GC

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
M 1	8 45 15	12 <sup>26</sup> 19	26 <sup>8</sup> 28	18 <sup>3</sup> 27	2 <sup>3</sup> 4	7 <sup>11</sup> 15	12 <sup>8</sup> 16	0°R31	0°R15	13°R53	11 <sup>8</sup> 29	14 <sup>7</sup> 52	13 <sup>7</sup> 39	25 <sup>22</sup> 24	4 <sup>1</sup> 0								
T 2	8 49 11	13°27'05	9 <sup>11</sup> 50	18°56	3°16	7°41	12°21	0°E28	0°E12	13°E52	11°29	14°R52	13°35	25°30	4°4								
W 3	8 53 8	14°27'49	23°40	19°29	4°28	8°7	12°27	0°25	0°10	13°51	11°29	14°52	13°32	25°37	4°7								
T 4	8 57 4	15°28'33	8 <sup>8</sup> 0	20°8	5°39	8°33	12°32	0°22	0°7	13°51	11°29	14°50	13°29	25°44	4°11								
F 5	9 1 1	16°29'14	22°47	20°51	6°51	8°58	12°38	0°19	0°5	13°50	11°29	14°45	13°26	25°51	4°15								
S 6	9 4 58	17°29'54	7 <sup>12</sup> 54	21°38	8°3	9°23	12°44	0°17	0°2	13°49	11°30	14°38	13°23	25°57	4°19								
S 7	9 8 54	18°30'32	23°14	22°28	9°15	9°48	12°50	0°14	29°E59	13°49	11°30	14°29	13°19	26°4	4°23								
M 8	9 12 51	19°31'09	8 <sup>11</sup> 34	23°22	10°27	10°13	12°57	0°12	29°57	13°48	11°30	14°19	13°16	26°11	4°27								
T 9	9 16 47	20°31'45	23°43	24°19	11°39	10°37	13°3	0°10	29°55	13°47	11°31	14°9	13°13	26°18	4°30								
W10	9 20 44	21°32'19	8 <sup>12</sup> 32	25°19	12°51	11°1	13°10	0°7	29°52	13°46	11°31	14°1	13°10	26°24	4°34								
T 11	9 24 40	22°32'52	22°53	26°21	14°3	11°25	13°17	0°5	29°50	13°45	11°31	13°55	13°7	26°31	4°38								
F 12	9 28 37	23°33'24	6 <sup>13</sup> 45	27°26	15°16	11°48	13°24	0°3	29°48	13°44	11°32	13°52	13°4	26°38	4°42								
S 13	9 32 33	24°33'55	20°9	28°33	16°28	12°11	13°31	0°2	29°45	13°44	11°32	13°D50	13°0	26°44	4°46								
S 14	9 36 30	25°34'24	3 <sup>14</sup> 7	29°42	17°40	12°34	13°39	29°E59	29°43	13°43	11°32	13°50	12°57	26°51	4°50								
M15	9 40 27	26°34'52	15°43	0 <sup>15</sup> 53	18°52	12°57	13°46	29°58	29°41	13°42	11°33	13°R51	12°54	26°58	4°54								
T 16	9 44 23	27°35'19	28°3	2°6	20°5	13°19	13°54	29°57	29°39	13°41	11°33	13°50	12°51	27°5	4°58								
W17	9 48 20	28°35'44	10 <sup>16</sup> 11	3°21	21°17	13°41	14°1	29°55	29°36	13°40	11°34	13°47	12°48	27°11	5°2								
T 18	9 52 16	29°36'08	22°10	4°37	22°30	14°2	14°9	29°54	29°34	13°39	11°34	13°41	12°45	27°18	5°6								
F 19	9 56 13	0 <sup>17</sup> 36'30	4 <sup>18</sup> 4	5°55	23°42	14°24	14°17	29°53	29°32	13°37	11°35	13°32	12°41	27°25	5°10								
S 20	10 0 9	1°36'51	15°56	7°15	24°55	14°45	14°26	29°52	29°30	13°36	11°35	13°21	12°38	27°31	5°14								
S 21	10 4 6	2°37'09	27°47	8°36	26°7	15°5	14°34	29°51	29°28	13°35	11°36	13°7	12°35	27°38	5°17								
M22	10 8 2	3°37'26	9 <sup>19</sup> 39	9°58	27°20	15°25	14°43	29°50	29°26	13°34	11°37	12°52	12°32	27°45	5°21								
T 23	10 11 59	4°37'42	21°34	11°22	28°32	15°45	14°51	29°49	29°24	13°33	11°37	12°38	12°29	27°52	5°25								
W24	10 15 56	5°37'55	3 <sup>20</sup> 32	12°47	29°45	16°4	15°0	29°48	29°22	13°32	11°38	12°24	12°25	27°58	5°29								
T 25	10 19 52	6°38'07	15°36	14°13	0 <sup>21</sup> 58	16°24	15°9	29°48	29°20	13°30	11°38	12°13	12°22	28°5	5°33								
F 26	10 23 49	7°38'16	27°46	15°40	2°10	16°42	15°18	29°47	29°18	13°29	11°39	12°5	12°19	28°12	5°37								
S 27	10 27 45	8°38'23	10 <sup>22</sup> 8	17°9	3°23	17°0	15°27	29°47	29°16	13°28	11°40	12°0	12°16	28°18	5°41								
S 28	10 31 42	9 <sup>23</sup> 38'29	22 <sup>23</sup> 42	18 <sup>24</sup> 39	4 <sup>25</sup> 36	17 <sup>26</sup> 18	15 <sup>27</sup> 36	29 <sup>28</sup> 47	29 <sup>25</sup> 14	13 <sup>29</sup> 27	11 <sup>30</sup> 41	11 <sup>31</sup> 58	12 <sup>32</sup> 13	28 <sup>33</sup> 25	5 <sup>34</sup> 45								

Day	☉		☽		♀		♁		♂		♃		♄		♅		♆		♇		♈		♉		♊		♋		♌		♍		♎		♏		♐		♑		♒		♓	
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat		
M 1	17s 6	20n58	1n37	20s14	2n 0	21s55	1n33	12s16	1n47	14n40	0s55	22n45	0s44	20n44	0n37	3s58	1n39	0n42	15s19	22s38	22s29	8s28	5s15	5n10																				
T 2	16 49 22	25 0 27	20 21	1 49 21	57 1 30	12 25	1 47 14	42 0 55	22 45	0 44 20	45 0 37	3 57 1 39	0 42 15	19 22	38 22 29	8 26	5 14	5 10																										
W 3	16 32 22	33 0s47	20 28	1 37 21	59 1 26	12 33	1 47 14	44 0 55	22 45	0 44 20	45 0 37	3 57 1 40	0 43 15	19 22	38 22 28	8 23	5 13	5 9																										
T 4	16 14 21	15 2 0	20 34	1 26 21	59 1 23	12 41	1 47 14	46 0 54	22 45	0 44 20	46 0 37	3 57 1 40	0 43 15	18 22	37 22 28	8 21	5 11	5 9																										
F 5	15 56 18	28 3 8	20 38	1 15 21	59 1 19	12 49	1 47 14	48 0 54	22 46	0 44 20	46 0 37	3 56 1 40	0 44 15	18 22	37 22 27	8 19	5 10	5 9																										
S 6	15 37 14	24 4 4	20 42	1 3 21	59 1 16	12 57	1 47 14	50 0 54	22 46	0 44 20	47 0 37	3 56 1 40	0 44 15	18 22	36 22 27	8 16	5 9	5 9																										
S 7	15 19 9	21 4 43	20 45	0 52 21	57 1 13	13 5	1 47 14	52 0 54	22 46	0 43 20	47 0 37	3 56 1 40	0 44 15	17 22	35 22 27	8 14	5 8	5 9																										
M 8	15 0 3	43 5 1	20 47	0 42 21	56 1 9	13 13	1 47 14	55 0 53	22 46	0 43 20	48 0 37	3 55 1 40	0 45 15	17 22	34 22 26	8 11	5 6	5 9																										
T 9	14 41 2s	4 59	20 47	0 31 21	53 1 6	13 20	1 47 14	57 0 53	22 46	0 43 20	48 0 37	3 55 1 40	0 45 15	17 22	33 22 26	8 9	5 5	5 9																										
W10	14 21 7	37 4 36	20 47	0 21 21	50 1 2	13 28	1 47 14	59 0 53	22 46	0 43 20	49 0 37	3 55 1 40	0 46 15	16 22	32 22 26	8 6	5 4	5 8																										
T 11	14 2 12	34 3 56	20 45	0 11 21	46 0 59	13 35	1 47 15	1 0 53	22 47	0 43 20	49 0 37	3 54 1 40	0 46 15	16 22	31 22 25	8 4	5 3	5 8																										
F 12	13 42 16	41 3 4	20 42	0 1 21	42 0 55	13 42	1 47 15	4 0 52	22 47	0 42 20	50 0 37	3 54 1 40	0 46 15	16 22	31 22 25	8 1	5 1	5 8																										
S 13	13 22 19	47 2 2	20 38	0s 8	21 37 0 52	13 49	1 47 15	6 0 52	22 47	0 42 20	50 0 37	3 53 1 40	0 47 15	15 22	30 22 24	7 59	5 0	5 8																										
S 14	13 1 21	45 0 57	20 32	0 17 21	31 0 48	13 56	1 47 15	9 0 52	22 47	0 42 20	51 0 37	3 53 1 40	0 47 15	15 22	30 22 24	7 56	4 59	5 8																										
M15	12 41 22	33 0n10	20 26	0 26 21	25 0 45	14 3	1 47 15	11 0 52	22 47	0 42 20	51 0 37	3 53 1 40	0 48 15	15 22	30 22 24	7 54	4 57	5 8																										
T 16	12 20 22	14 1 15	20 18	0 35 21	18 0 41	14 10	1 47 15	13 0 51	22 47	0 42 20	52 0 37	3 52 1 40	0 48 15	14 22	30 22 23	7 51	4 56	5 8																										
W17	11 59 20	51 2 15	20 9	0 43 21	11 0 38	14 17	1 47 15	16 0 51	22 48	0 42 20	52 0 37	3 52 1 40	0 49 15	14 22	30 22 23	7 49	4 55	5 8																										
T 18	11 38 18	34 3 8	19 58	0 51 21	2 0 34	14 23	1 47 15	19 0 51	22 48	0 41 20	53 0 37	3 51 1 40	0 49 15	14 22	29 22 22	7 46	4 53	5 8																										
F 19	11 17 15	31 3 52	19 46	0 58 20	54 0 31	14 29	1 47 15	21 0 51	22 48	0 41 20	53 0 37	3 51 1 40	0 50 15	13 22	28 22 22	7 44	4 52	5 8																										
S 20	10 55 11	51 4 27	19 33	1 6 20	44 0 28	14 36	1 47 15	24 0 50	22 48	0 41 20	54 0 37	3 50 1 40	0 50 15	13 22	27 22 21	7 41	4 51	5 7																										
S 21	10 34 7	44 4 49	19 19	1 13 20	34 0 24	14 42	1 46 15	27 0 50	22 48	0 41 20	54 0 37	3 50 1 40	0 50 15	13 22	25 22 21	7 39	4 49	5 7																										
M22	10 12 3	21 4 59	19 3	1 19 20	24 0 21	14 48	1 46 15	29 0 50	22 48	0 41 20	55 0 37	3 49 1 40	0 51 15	12 22	23 22 21	7 36	4 48	5 7																										
T 23	9 50 1n11	4 56	18 46	1 25 20	13 0 17	14 54	1 46 15	32 0 50	22 49	0 41 20	55 0 37	3 49 1 41	0 51 15	12 22	21 22 20	7 34	4 46	5 7																										
W24	9 28 5	41 4 40	18 28	1 31 20	1 0 14	15 0	1 46 15	35 0 49	22 49	0 40 20	55 0 37	3 48 1 41	0 52 15	12 22	20 22 20	7 31	4 45	5 7																										
T 25	9 6 10	0 4 11	18 8	1 37 19	49 0 11	15 5	1 46 15	38 0 49	22 49	0 40 20	56 0 37	3 48 1 41	0 52 15	11 22	18 22 19	7 29	4 44	5 7																										
F 26	8 43 13	59 3 31	17 47	1 42 19	36 0 7	15 11	1 45 15	41 0 49	22 49	0 40 20	56 0 37	3 47 1 41	0 53 15	11 22	17 22 19	7 26	4 42	5 7																										
S 27	8 21 17	24 2 40	17 25	1 47 19	22 0 4	15 16	1 45 15	43 0 49	22 49	0 40 20	56 0 37	3 47 1 41	0 53 15	11 22	17 22 19	7 24	4 41	5 7																										
S 28	7s58	20n 6	1n40	17s 2	1s51	19s 8	0n 1	15s21	1n45	15n46	0s49	22n50	0s40	20n57	0n37	3s46	1n41	0n54	15s11	22s16	22s18	7s21	4s40	5n 7																				

Julian Day Number = 2313149.5, Delta T = 116.62 sec  
 Ecliptic obliquity = 23°29'16, Nutation = 0°00'18  
 Ayanamsha: Fagan/Bradley = 19°27'07, Lahiri = 18°34'07 Greg. Calendar

SWISS EPHEMERIS for the year 1621

MARCH 1621 GC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	
M 1	10 35 38	10 <sup>h</sup> 38'32"	5 <sup>h</sup> 35'	20 <sup>h</sup> 10'	5 <sup>h</sup> 49'	17 <sup>h</sup> 36'	15 <sup>h</sup> 46'	29 <sup>h</sup> D47	29 <sup>h</sup> R12	13 <sup>h</sup> R25	11 <sup>h</sup> 8'41"	11 <sup>h</sup> R57	12 <sup>h</sup> 7'10"	28 <sup>h</sup> 32'	5 <sup>h</sup> 49'
T 2	10 39 35	11 <sup>h</sup> 38'33"	18 <sup>h</sup> 49'	21 <sup>h</sup> 42'	7 <sup>h</sup> 1'	17 <sup>h</sup> 53'	15 <sup>h</sup> 55'	29 <sup>h</sup> II47	29 <sup>h</sup> 8'11"	13 <sup>h</sup> 24'	11 <sup>h</sup> 42'	11 <sup>h</sup> 57'	12 <sup>h</sup> 6'	28 <sup>h</sup> 39'	5 <sup>h</sup> 53'
W 3	10 43 31	12 <sup>h</sup> 38'32"	2 <sup>h</sup> 29'	23 <sup>h</sup> 15'	8 <sup>h</sup> 14'	18 <sup>h</sup> 9'	16 <sup>h</sup> 5'	29 <sup>h</sup> 47'	29 <sup>h</sup> 9'	13 <sup>h</sup> 23'	11 <sup>h</sup> 43'	11 <sup>h</sup> 56'	12 <sup>h</sup> 3'	28 <sup>h</sup> 45'	5 <sup>h</sup> 57'
T 4	10 47 28	13 <sup>h</sup> 38'29"	16 <sup>h</sup> 35'	24 <sup>h</sup> 50'	9 <sup>h</sup> 27'	18 <sup>h</sup> 25'	16 <sup>h</sup> 15'	29 <sup>h</sup> 47'	29 <sup>h</sup> 7'	13 <sup>h</sup> 21'	11 <sup>h</sup> 44'	11 <sup>h</sup> 54'	12 <sup>h</sup> 0'	28 <sup>h</sup> 52'	6 <sup>h</sup> 1'
F 5	10 51 25	14 <sup>h</sup> 38'23"	1 <sup>h</sup> 9'	26 <sup>h</sup> 25'	10 <sup>h</sup> 40'	18 <sup>h</sup> 41'	16 <sup>h</sup> 25'	29 <sup>h</sup> 48'	29 <sup>h</sup> 6'	13 <sup>h</sup> 20'	11 <sup>h</sup> 44'	11 <sup>h</sup> 49'	11 <sup>h</sup> 57'	28 <sup>h</sup> 59'	6 <sup>h</sup> 5'
S 6	10 55 21	15 <sup>h</sup> 38'15"	16 <sup>h</sup> 6'	28 <sup>h</sup> 2'	11 <sup>h</sup> 53'	18 <sup>h</sup> 56'	16 <sup>h</sup> 34'	29 <sup>h</sup> 48'	29 <sup>h</sup> 4'	13 <sup>h</sup> 19'	11 <sup>h</sup> 45'	11 <sup>h</sup> 41'	11 <sup>h</sup> 54'	29 <sup>h</sup> 5'	6 <sup>h</sup> 9'
S 7	10 59 18	16 <sup>h</sup> 38'05"	1 <sup>h</sup> 19'	29 <sup>h</sup> 40'	13 <sup>h</sup> 6'	19 <sup>h</sup> 11'	16 <sup>h</sup> 45'	29 <sup>h</sup> 49'	29 <sup>h</sup> 3'	13 <sup>h</sup> 17'	11 <sup>h</sup> 46'	11 <sup>h</sup> 30'	11 <sup>h</sup> 50'	29 <sup>h</sup> 12'	6 <sup>h</sup> 13'
M 8	11 3 14	17 <sup>h</sup> 37'53"	16 <sup>h</sup> 37'	1 <sup>h</sup> 19'	14 <sup>h</sup> 18'	19 <sup>h</sup> 25'	16 <sup>h</sup> 55'	29 <sup>h</sup> 49'	29 <sup>h</sup> 1'	13 <sup>h</sup> 16'	11 <sup>h</sup> 47'	11 <sup>h</sup> 19'	11 <sup>h</sup> 47'	29 <sup>h</sup> 19'	6 <sup>h</sup> 17'
T 9	11 7 11	18 <sup>h</sup> 37'39"	1 <sup>h</sup> 50'	2 <sup>h</sup> 59'	15 <sup>h</sup> 31'	19 <sup>h</sup> 39'	17 <sup>h</sup> 5'	29 <sup>h</sup> 50'	29 <sup>h</sup> 0'	13 <sup>h</sup> 14'	11 <sup>h</sup> 48'	11 <sup>h</sup> 8'	11 <sup>h</sup> 44'	29 <sup>h</sup> 26'	6 <sup>h</sup> 20'
W10	11 11 7	19 <sup>h</sup> 37'23"	16 <sup>h</sup> 47'	4 <sup>h</sup> 41'	16 <sup>h</sup> 44'	19 <sup>h</sup> 52'	17 <sup>h</sup> 16'	29 <sup>h</sup> 51'	28 <sup>h</sup> 58'	13 <sup>h</sup> 13'	11 <sup>h</sup> 49'	10 <sup>h</sup> 58'	11 <sup>h</sup> 41'	29 <sup>h</sup> 32'	6 <sup>h</sup> 24'
T 11	11 15 4	20 <sup>h</sup> 37'05"	1 <sup>h</sup> 19'	6 <sup>h</sup> 24'	17 <sup>h</sup> 57'	20 <sup>h</sup> 5'	17 <sup>h</sup> 26'	29 <sup>h</sup> 52'	28 <sup>h</sup> 57'	13 <sup>h</sup> 11'	11 <sup>h</sup> 49'	10 <sup>h</sup> 51'	11 <sup>h</sup> 38'	29 <sup>h</sup> 39'	6 <sup>h</sup> 28'
F 12	11 19 0	21 <sup>h</sup> 36'46"	15 <sup>h</sup> 22'	8 <sup>h</sup> 7'	19 <sup>h</sup> 10'	20 <sup>h</sup> 17'	17 <sup>h</sup> 37'	29 <sup>h</sup> 53'	28 <sup>h</sup> 56'	13 <sup>h</sup> 10'	11 <sup>h</sup> 50'	10 <sup>h</sup> 47'	11 <sup>h</sup> 35'	29 <sup>h</sup> 46'	6 <sup>h</sup> 32'
S 13	11 22 57	22 <sup>h</sup> 36'25"	28 <sup>h</sup> 54'	9 <sup>h</sup> 53'	20 <sup>h</sup> 23'	20 <sup>h</sup> 29'	17 <sup>h</sup> 47'	29 <sup>h</sup> 55'	28 <sup>h</sup> 54'	13 <sup>h</sup> 8'	11 <sup>h</sup> 51'	10 <sup>h</sup> 44'	11 <sup>h</sup> 31'	29 <sup>h</sup> 53'	6 <sup>h</sup> 36'
S 14	11 26 54	23 <sup>h</sup> 36'02"	11 <sup>h</sup> 59'	11 <sup>h</sup> 39'	21 <sup>h</sup> 36'	20 <sup>h</sup> 40'	17 <sup>h</sup> 58'	29 <sup>h</sup> 56'	28 <sup>h</sup> 53'	13 <sup>h</sup> 7'	11 <sup>h</sup> 52'	10 <sup>h</sup> D44	11 <sup>h</sup> 28'	29 <sup>h</sup> 59'	6 <sup>h</sup> 40'
M15	11 30 50	24 <sup>h</sup> 35'37"	24 <sup>h</sup> 39'	13 <sup>h</sup> 27'	22 <sup>h</sup> 49'	20 <sup>h</sup> 50'	18 <sup>h</sup> 9'	29 <sup>h</sup> 58'	28 <sup>h</sup> 52'	13 <sup>h</sup> 5'	11 <sup>h</sup> 53'	10 <sup>h</sup> R44	11 <sup>h</sup> 25'	0 <sup>h</sup> 11'	6 <sup>h</sup> 43'
T 16	11 34 47	25 <sup>h</sup> 35'10"	6 <sup>h</sup> 59'	15 <sup>h</sup> 16'	24 <sup>h</sup> 2'	21 <sup>h</sup> 0'	18 <sup>h</sup> 20'	29 <sup>h</sup> 59'	28 <sup>h</sup> 51'	13 <sup>h</sup> 4'	11 <sup>h</sup> 54'	10 <sup>h</sup> 44'	11 <sup>h</sup> 22'	0 <sup>h</sup> 13'	6 <sup>h</sup> 47'
W17	11 38 43	26 <sup>h</sup> 34'42"	19 <sup>h</sup> 5'	17 <sup>h</sup> 6'	25 <sup>h</sup> 15'	21 <sup>h</sup> 9'	18 <sup>h</sup> 31'	0 <sup>h</sup> 28'	28 <sup>h</sup> 50'	13 <sup>h</sup> 2'	11 <sup>h</sup> 55'	10 <sup>h</sup> 41'	11 <sup>h</sup> 19'	0 <sup>h</sup> 19'	6 <sup>h</sup> 51'
T 18	11 42 40	27 <sup>h</sup> 34'12"	1 <sup>h</sup> 2'	18 <sup>h</sup> 57'	26 <sup>h</sup> 29'	21 <sup>h</sup> 18'	18 <sup>h</sup> 42'	0 <sup>h</sup> 3'	28 <sup>h</sup> 49'	13 <sup>h</sup> 1'	11 <sup>h</sup> 56'	10 <sup>h</sup> 37'	11 <sup>h</sup> 16'	0 <sup>h</sup> 26'	6 <sup>h</sup> 55'
F 19	11 46 36	28 <sup>h</sup> 33'40"	12 <sup>h</sup> 54'	20 <sup>h</sup> 50'	27 <sup>h</sup> 42'	21 <sup>h</sup> 26'	18 <sup>h</sup> 54'	0 <sup>h</sup> 5'	28 <sup>h</sup> 48'	12 <sup>h</sup> 59'	11 <sup>h</sup> 57'	10 <sup>h</sup> 29'	11 <sup>h</sup> 12'	0 <sup>h</sup> 33'	6 <sup>h</sup> 59'
S 20	11 50 33	29 <sup>h</sup> 33'06"	24 <sup>h</sup> 44'	22 <sup>h</sup> 44'	28 <sup>h</sup> 55'	21 <sup>h</sup> 34'	19 <sup>h</sup> 5'	0 <sup>h</sup> 7'	28 <sup>h</sup> 47'	12 <sup>h</sup> 57'	11 <sup>h</sup> 58'	10 <sup>h</sup> 19'	11 <sup>h</sup> 9'	0 <sup>h</sup> 40'	7 <sup>h</sup> 2'
S 21	11 54 29	0 <sup>h</sup> 32'30"	6 <sup>h</sup> 35'	24 <sup>h</sup> 39'	0 <sup>h</sup> 11'	21 <sup>h</sup> 41'	19 <sup>h</sup> 17'	0 <sup>h</sup> 9'	28 <sup>h</sup> 46'	12 <sup>h</sup> 56'	11 <sup>h</sup> 59'	10 <sup>h</sup> 7'	11 <sup>h</sup> 6'	0 <sup>h</sup> 46'	7 <sup>h</sup> 6'
M22	11 58 26	1 <sup>h</sup> 31'53"	18 <sup>h</sup> 30'	26 <sup>h</sup> 36'	1 <sup>h</sup> 21'	21 <sup>h</sup> 47'	19 <sup>h</sup> 28'	0 <sup>h</sup> 11'	28 <sup>h</sup> 45'	12 <sup>h</sup> 54'	12 <sup>h</sup> 0'	9 <sup>h</sup> 54'	11 <sup>h</sup> 3'	0 <sup>h</sup> 53'	7 <sup>h</sup> 10'
T 23	12 2 22	2 <sup>h</sup> 31'13"	0 <sup>h</sup> 31'	28 <sup>h</sup> 34'	2 <sup>h</sup> 34'	21 <sup>h</sup> 52'	19 <sup>h</sup> 40'	0 <sup>h</sup> 13'	28 <sup>h</sup> 45'	12 <sup>h</sup> 53'	12 <sup>h</sup> 1'	9 <sup>h</sup> 41'	11 <sup>h</sup> 0'	1 <sup>h</sup> 0'	7 <sup>h</sup> 13'
W24	12 6 19	3 <sup>h</sup> 30'31"	0 <sup>h</sup> 37'	0 <sup>h</sup> 33'	3 <sup>h</sup> 47'	21 <sup>h</sup> 57'	19 <sup>h</sup> 52'	0 <sup>h</sup> 16'	28 <sup>h</sup> 44'	12 <sup>h</sup> 51'	12 <sup>h</sup> 3'	9 <sup>h</sup> 29'	10 <sup>h</sup> 56'	1 <sup>h</sup> 6'	7 <sup>h</sup> 17'
T 25	12 10 16	4 <sup>h</sup> 29'47"	24 <sup>h</sup> 52'	2 <sup>h</sup> 33'	5 <sup>h</sup> 0'	22 <sup>h</sup> 2'	20 <sup>h</sup> 3'	0 <sup>h</sup> 18'	28 <sup>h</sup> 43'	12 <sup>h</sup> 49'	12 <sup>h</sup> 4'	9 <sup>h</sup> 20'	10 <sup>h</sup> 53'	1 <sup>h</sup> 13'	7 <sup>h</sup> 21'
F 26	12 14 12	5 <sup>h</sup> 29'01"	7 <sup>h</sup> 14'	4 <sup>h</sup> 34'	6 <sup>h</sup> 14'	22 <sup>h</sup> 5'	20 <sup>h</sup> 15'	0 <sup>h</sup> 21'	28 <sup>h</sup> 43'	12 <sup>h</sup> 48'	12 <sup>h</sup> 5'	9 <sup>h</sup> 13'	10 <sup>h</sup> 50'	1 <sup>h</sup> 20'	7 <sup>h</sup> 24'
S 27	12 18 9	6 <sup>h</sup> 28'13"	19 <sup>h</sup> 46'	6 <sup>h</sup> 36'	7 <sup>h</sup> 27'	22 <sup>h</sup> 8'	20 <sup>h</sup> 27'	0 <sup>h</sup> 24'	28 <sup>h</sup> 42'	12 <sup>h</sup> 46'	12 <sup>h</sup> 6'	9 <sup>h</sup> 8'	10 <sup>h</sup> 47'	1 <sup>h</sup> 27'	7 <sup>h</sup> 28'
S 28	12 22 5	7 <sup>h</sup> 27'22"	2 <sup>h</sup> 11'	8 <sup>h</sup> 39'	8 <sup>h</sup> 40'	22 <sup>h</sup> 10'	20 <sup>h</sup> 39'	0 <sup>h</sup> 27'	28 <sup>h</sup> 42'	12 <sup>h</sup> 44'	12 <sup>h</sup> 7'	9 <sup>h</sup> 6'	10 <sup>h</sup> 44'	1 <sup>h</sup> 33'	7 <sup>h</sup> 31'
M29	12 26 2	8 <sup>h</sup> 26'30"	15 <sup>h</sup> 30'	10 <sup>h</sup> 42'	9 <sup>h</sup> 53'	22 <sup>h</sup> 11'	20 <sup>h</sup> 51'	0 <sup>h</sup> 30'	28 <sup>h</sup> 41'	12 <sup>h</sup> 43'	12 <sup>h</sup> 8'	9 <sup>h</sup> D 6'	10 <sup>h</sup> 41'	1 <sup>h</sup> 40'	7 <sup>h</sup> 35'
T 30	12 29 58	9 <sup>h</sup> 25'35"	28 <sup>h</sup> 45'	12 <sup>h</sup> 47'	11 <sup>h</sup> 6'	22 <sup>h</sup> R12	21 <sup>h</sup> 4'	0 <sup>h</sup> 33'	28 <sup>h</sup> 41'	12 <sup>h</sup> 41'	12 <sup>h</sup> 9'	9 <sup>h</sup> 7'	10 <sup>h</sup> 37'	1 <sup>h</sup> 47'	7 <sup>h</sup> 38'
W31	12 33 55	10 <sup>h</sup> 24'38"	12 <sup>h</sup> 21'	14 <sup>h</sup> 51'	12 <sup>h</sup> 20'	22 <sup>h</sup> M12	21 <sup>h</sup> 16'	0 <sup>h</sup> 36'	28 <sup>h</sup> 40'	12 <sup>h</sup> 40'	12 <sup>h</sup> 10'	9 <sup>h</sup> R 7'	10 <sup>h</sup> 34'	1 <sup>h</sup> 53'	7 <sup>h</sup> 42'

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁											
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat							
M 1	7s35	21n50	0n34	16s37	1s55	18s54	0s 3	15s27	1n45	15n49	0s48	22n50	0s40	20n57	0n37	3s46	1n41	0n54	15s10	22s16	22s18	7s19	4s38	5n 7
T 2	7 13	22 25	0s36	16 10	1 59	18 39	0 6	15 32	1 44	15 52	0 48	22 50	0 39	20 58	0 37	3 45	1 41	0 55	15 10	22 16	22 17	7 16	4 37	5 7
W 3	6 50	21 42	1 46	15 43	2 2	18 23	0 9	15 36	1 44	15 55	0 48	22 50	0 39	20 58	0 36	3 45	1 41	0 55	15 10	22 16	22 17	7 14	4 35	5 7
T 4	6 27	19 37	2 52	15 14	2 5	18 7	0 12	15 41	1 44	15 58	0 48	22 50	0 39	20 58	0 36	3 44	1 41	0 56	15 9	22 16	22 16	7 11	4 34	5 7
F 5	6 4	16 14	3 49	14 44	2 7	17 50	0 15	15 46	1 43	16 1	0 47	22 50	0 39	20 59	0 36	3 43	1 41	0 56	15 9	22 15	22 16	7 9	4 32	5 7
S 6	5 40	11 44	4 31	14 12	2 9	17 33	0 18	15 50	1 43	16 4	0 47	22 51	0 39	20 59	0 36	3 43	1 41	0 57	15 9	22 14	22 16	7 6	4 31	5 7
S 7	5 17	6 25	4 56	13 39	2 11	17 16	0 21	15 55	1 42	16 7	0 47	22 51	0 39	20 59	0 36	3 42	1 41	0 57	15 9	22 12	22 15	7 4	4 30	5 7
M 8	4 54	0 42	4 59	13 5	2 12	16 57	0 24	15 59	1 42	16 10	0 47	22 51	0 38	20 59	0 36	3 42	1 41	0 58	15 8	22 11	22 15	7 1	4 28	5 7
T 9	4 30	5s 2	4 41	12 30	2 13	16 39	0 27	16 3	1 41	16 14	0 47	22 51	0 38	21 0	0 36	3 41	1 41	0 58	15 8	22 14	22 14	6 59	4 27	5 7
W10	4 7	10 22	4 4	11 53	2 13	16 20	0 30	16 7	1 41	16 17	0 46	22 51	0 38	21 0	0 36	3 41	1 41	0 59	15 8	22 14	22 14	6 56	4 25	5 7
T 11	3 44	14 57	3 12	11 15	2 13	16 0	0 33	16 11	1 41	16 20	0 46	22 51	0 38	21 0	0 36	3 40	1 41	0 59	15 7	22 13	22 13	6 54	4 24	5 7
F 12	3 20	18 33	2 10	10 35	2 13	15 40	0 36	16 15	1 40	16 23	0 46	22 52	0 38	21 0	0 36	3 39	1 41	1 0	15 7	22 12	22 13	6 51	4 23	5 7
S 13	2 56	20 58	1 2	9 55	2 12	15 20	0 38	16 18	1 39	16 26	0 46	22 52	0 38	21 1	0 36	3 39	1 41	1 0	15 7	22 12	22 13	6 49	4 21	5 7
S 14	2 33	22 10	0n 7	9 13	2 10	14 59	0 41	16 22	1 39	16 29	0 46	22 52	0 37	21 1	0 36	3 38	1 41	1 1	15 7	22 12	22 12	6 46	4 20	5 7
M15	2 9	22 10	1 13	8 29	2 8	14 37	0 44	16 25	1 38	16 33	0 45	22 52	0 37	21 1	0 36	3 37	1 41	1 1	15 6	22 12	22 12	6 44	4 18	5 7
T 16	1 45	21 4	2 14	7 45	2 6	14 16	0 46	16 28	1 38	16 36	0 45	22 52	0 37	21 1	0 36	3 37	1 41	1 1	15 6	22 11	22 11	6 41	4 17	5 7
W17	1 22	19 1	3 8	6 59	2 3	13 53	0 49	16 32	1 37	16 39	0 45	22 52	0 37	21 2	0 36	3 36	1 41	1 2	15 6	22 11	22 11	6 39	4 15	5 7
T 18	0 58	16 10	3 53	6 12	1 59	13 31	0 51	16 34	1 36	16 4														

SWISS EPHEMERIS for the year 1621

APRIL 1621 GC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
T 1	12 37 51	11°Y23'38	26°E17	16°Y56	13°X33	22°R11	21°E28	0°E39	28°R40	12°R38	12°E12	9°R 6	10°E31	2°X 0	7°X45
F 2	12 41 48	12°22'36	10°E35	19° 1	14°46	22°M10	21°41	0°42	28°E40	12°E36	12°13	9°R 3	10°28	2° 7	7°49
S 3	12 45 45	13°21'31	25°13	21° 5	15°59	22° 7	21°53	0°46	28°40	12°35	12°14	8°58	10°25	2°14	7°52
S 4	12 49 41	14°20'25	10°E 5	23° 8	17°12	22° 4	22° 6	0°49	28°40	12°33	12°15	8°51	10°22	2°20	7°55
M 5	12 53 38	15°19'15	25° 5	25°11	18°26	22° 1	22°18	0°53	28°40	12°31	12°16	8°43	10°18	2°27	7°59
T 6	12 57 34	16°18'04	10°E 3	27°12	19°39	21°56	22°31	0°57	28°D40	12°30	12°18	8°35	10°15	2°34	8° 2
W 7	13 1 31	17°16'51	24°50	29°11	20°52	21°51	22°43	1° 1	28°40	12°28	12°19	8°28	10°12	2°41	8° 5
T 8	13 5 27	18°15'36	9°M18	1°X 8	22° 5	21°45	22°56	1° 4	28°40	12°26	12°20	8°22	10° 9	2°47	8° 8
F 9	13 9 24	19°14'19	23°22	3° 3	23°18	21°38	23° 9	1° 8	28°40	12°25	12°21	8°19	10° 6	2°54	8°12
S 10	13 13 20	20°13'00	6°E58	4°55	24°32	21°30	23°22	1°13	28°40	12°23	12°23	8°D18	10° 2	3° 1	8°15
S 11	13 17 17	21°11'40	20° 8	6°45	25°45	21°22	23°35	1°17	28°40	12°21	12°24	8°19	9°59	3° 7	8°18
M12	13 21 14	22°10'18	2°E54	8°30	26°58	21°13	23°48	1°21	28°41	12°20	12°25	8°20	9°56	3°14	8°21
T13	13 25 10	23° 8'54	15°19	10°12	28°11	21° 3	24° 1	1°25	28°41	12°18	12°27	8°21	9°53	3°21	8°24
W14	13 29 7	24° 7'29	27°29	11°51	29°25	20°53	24°14	1°30	28°41	12°17	12°28	8°R21	9°50	3°28	8°27
T 15	13 33 3	25° 6'01	9°E27	13°25	0°Y38	20°41	24°27	1°34	28°42	12°15	12°29	8°20	9°47	3°34	8°30
F 16	13 37 0	26° 4'32	21°20	14°55	1°51	20°29	24°40	1°39	28°42	12°13	12°30	8°17	9°43	3°41	8°33
S 17	13 40 56	27° 3'02	3°X11	16°21	3° 5	20°16	24°53	1°44	28°43	12°12	12°32	8°12	9°40	3°48	8°36
S 18	13 44 53	28° 1'29	15° 5	17°42	4°18	20° 3	25° 7	1°48	28°44	12°10	12°33	8° 6	9°37	3°54	8°39
M19	13 48 49	28°59'55	27° 4	18°58	5°31	19°48	25°20	1°53	28°44	12° 9	12°34	7°59	9°34	4° 1	8°42
T 20	13 52 46	29°58'20	9°Y11	20° 9	6°44	19°34	25°33	1°58	28°45	12° 7	12°36	7°52	9°31	4° 8	8°44
W21	13 56 42	0°E56'42	21°28	21°16	7°58	19°18	25°47	2° 3	28°46	12° 6	12°37	7°45	9°27	4°15	8°47
T 22	14 0 39	1°55'03	3°E56	22°18	9°11	19° 2	26° 0	2° 8	28°47	12° 4	12°38	7°40	9°24	4°21	8°50
F 23	14 4 36	2°53'22	16°35	23°14	10°24	18°45	26°14	2°13	28°48	12° 2	12°40	7°37	9°21	4°28	8°53
S 24	14 8 32	3°51'39	29°25	24° 6	11°38	18°28	26°27	2°19	28°49	12° 1	12°41	7°35	9°18	4°35	8°55
S 25	14 12 29	4°49'54	12°E29	24°52	12°51	18°10	26°41	2°24	28°50	11°59	12°42	7°D35	9°15	4°42	8°58
M26	14 16 25	5°48'08	25°44	25°33	14° 4	17°51	26°54	2°29	28°51	11°58	12°44	7°36	9°12	4°48	9° 0
T 27	14 20 22	6°46'19	9°E13	26° 9	15°17	17°32	27° 8	2°35	28°52	11°57	12°45	7°37	9° 8	4°55	9° 3
W28	14 24 18	7°44'28	22°56	26°39	16°31	17°13	27°21	2°40	28°53	11°55	12°46	7°38	9° 5	5° 2	9° 5
T 29	14 28 15	8°42'36	6°E53	27° 4	17°44	16°53	27°35	2°46	28°54	11°54	12°48	7°R39	9° 2	5° 8	9° 8
F 30	14 32 12	9°E40'41	21°E 3	27°E24	18°Y57	16°M33	27°E49	2°E52	28°E55	11°E52	12°E49	7°E39	8°E59	5°E15	9°E10

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄	♅									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	4n31	17n16	3s45	6n25	0s17	7s42	1s19	17s 1	1n23	17n29	0s43	22n55	0s34	21n 3	0n36	3s27	1n41	1n10	15s 3	21s52	22s 4	6s 2	3s54	5n 8
F 2	4 54	13 18	4 29	7 22	0 6	7 15	1 20	17 2	1 21	17 32	0 42	22 55	0 34	21 3	0 36	3 26	1 41	1 11	15 3	21 51	22 4	5 59	3 53	5 8
S 3	5 17	8 29	4 57	8 19	0n 5	6 48	1 22	17 3	1 20	17 36	0 42	22 55	0 34	21 3	0 36	3 25	1 41	1 11	15 2	21 50	22 3	5 57	3 52	5 8
S 4	5 40	3 5	5 5	9 15	0 16	6 20	1 23	17 3	1 19	17 39	0 42	22 55	0 34	21 3	0 36	3 25	1 41	1 12	15 2	21 49	22 3	5 54	3 50	5 9
M 5	6 3	2s32	4 53	10 11	0 27	5 53	1 25	17 4	1 17	17 42	0 42	22 55	0 34	21 3	0 36	3 24	1 41	1 12	15 2	21 48	22 2	5 52	3 49	5 9
T 6	6 25	7 59	4 21	11 6	0 39	5 25	1 26	17 4	1 16	17 46	0 42	22 55	0 34	21 3	0 36	3 23	1 42	1 13	15 2	21 47	22 2	5 49	3 48	5 9
W 7	6 48	12 55	3 32	11 59	0 50	4 57	1 27	17 4	1 14	17 49	0 42	22 55	0 34	21 3	0 36	3 23	1 42	1 13	15 2	21 46	22 1	5 47	3 46	5 9
T 8	7 10	16 59	2 29	12 51	1 1	4 30	1 28	17 4	1 13	17 53	0 41	22 56	0 33	21 3	0 36	3 22	1 42	1 14	15 2	21 45	22 1	5 44	3 45	5 9
F 9	7 33	19 56	1 20	13 41	1 12	4 1	1 29	17 4	1 11	17 56	0 41	22 56	0 33	21 3	0 36	3 21	1 42	1 14	15 1	21 44	22 0	5 42	3 44	5 9
S 10	7 55	21 38	0 7	14 29	1 23	3 33	1 30	17 4	1 9	17 59	0 41	22 56	0 33	21 3	0 36	3 21	1 42	1 15	15 1	21 44	22 0	5 39	3 43	5 9
S 11	8 17	22 4	1n 3	15 15	1 33	3 5	1 31	17 3	1 8	18 3	0 41	22 56	0 33	21 3	0 36	3 20	1 41	1 15	15 1	21 44	22 0	5 37	3 41	5 10
M12	8 39	21 19	2 9	15 59	1 43	2 36	1 32	17 2	1 6	18 6	0 41	22 56	0 33	21 3	0 36	3 20	1 41	1 16	15 1	21 44	21 59	5 34	3 40	5 10
T13	9 1	19 31	3 6	16 41	1 52	2 8	1 32	17 2	1 4	18 9	0 41	22 56	0 33	21 3	0 36	3 19	1 41	1 16	15 1	21 45	21 59	5 32	3 39	5 10
W14	9 23	16 53	3 54	17 20	2 1	1 39	1 33	17 1	1 2	18 13	0 41	22 56	0 32	21 3	0 36	3 18	1 41	1 17	15 1	21 45	21 58	5 29	3 37	5 10
T 15	9 44	13 34	4 31	17 57	2 9	1 11	1 33	17 0	1 0	18 16	0 40	22 56	0 32	21 2	0 36	3 18	1 41	1 17	15 1	21 44	21 58	5 27	3 36	5 10
F 16	10 5	9 45	4 56	18 31	2 17	0 42	1 34	16 58	0 58	18 19	0 40	22 56	0 32	21 2	0 35	3 17	1 41	1 18	15 0	21 44	21 57	5 24	3 35	5 10
S 17	10 27	5 34	5 8	19 3	2 24	0 13	1 34	16 57	0 58	18 23	0 40	22 57	0 32	21 2	0 35	3 16	1 41	1 18	15 0	21 43	21 57	5 22	3 34	5 10
S 18	10 48	1 10	5 7	19 32	2 30	0n16	1 35	16 55	0 54	18 26	0 40	22 57	0 32	21 2	0 35	3 16	1 41	1 19	15 0	21 42	21 56	5 19	3 32	5 11
M19	11 8	3n18	4 52	19 58	2 35	0 45	1 35	16 53	0 52	18 29	0 40	22 57	0 32	21 2	0 35	3 15	1 41	1 19	15 0	21 41	21 56	5 17	3 31	5 11
T 20	11 29	7 42	4 25	20 22	2 39	1 14	1 35	16 52	0 50	18 33	0 40	22 57	0 32	21 2	0 35	3 15	1 41	1 20	15 0	21 40	21 55	5 14	3 30	5 11
W21	11 50	11 51	3 44	20 43	2 42	1 42	1 35	16 50	0 47	18 36	0 40	22 57	0 31	21 2	0 35	3 14	1 41	1 20	15 0	21 39	21 55	5 12	3 29	5 11
T 22	12 10	15 34	2 53	21 2	2 44	2 11	1 35	16 47	0 45	18 39	0 39	22 57	0 31	21 1	0 35	3 13	1 41	1 21	15 0	21 38	21 54	5 9	3 28	5 11
F 23	12 30	18 37	1 52	21 17	2 46	2 40	1 35	16 45	0 43	18 43	0 39	22 57	0 31	21 1	0 35	3 13	1 41	1 21	15 0	21 37	21 54	5 7	3 27	5 12
S 24	12 50	20 47	0 44	21 31	2 46	3 9	1 35	16 43	0 40	18 46	0 39	22 57	0 31	21 1	0 35	3 12	1 41	1 21	15 0	21 37	21 53	5 4	3 25	5 12
S 25	13 9	21 54	0s27	21 41	2 45	3 38	1 35	16 40	0 38	18 49	0 39	22 57	0 31	21 1	0 35	3 12	1 41	1 22	15 0	21 37	21 53	5 2	3 24	5 12
M26	13 29	21 47	1 38	21 49	2 43	4 6	1 35	16 37	0 35	18 52	0 39	22 57	0 31	21 0	0 35	3 11	1 41	1 22	15 0	21 37	21 52	4 59	3 23	5 12
T 27	13 48	20 26	2 44	21 55	2 40	4 35	1 35	16 34	0 33	18 56	0 39	22 57	0 31	21 0	0 35	3 11	1 41	1 23	15 0	21 37	21 52	4 57	3 22	5 12
W28	14 7	17 52	3 43	21 58	2 35	5 3	1 34	16 31	0 30	18 59	0 39	22 57	0 31	21 0	0 35	3 10	1 41	1 23	15 0	21 38	21 51	4 54	3 21	5 13
T 29	14 26	14 14	4 29	21 59	2 30	5 32	1 34	16 28	0 28	19 2	0 39	22 57	0 30	21 0	0 35	3 9	1 41	1 24	14 59	21 38	21 51	4 52	3 20	5 13
F 30	14n44	9n46	5s 0	21n57	2n23	6n 0	1s33																	

SWISS EPHEMERIS for the year 1621

MAY 1621 GC

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Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	
S 1	14 36 8	10♁38'44	5♃24	27♁39	20♃11	16°R13	28♁ 2	2♁57	28♁57	11°R51	12♁51	7°R37	8♁56	5♃22	9♁12
S 2	14 40 5	11°36'45	19°54	27°48	21°24	15♃52	28°16	3° 3	28°58	11♁49	12°52	7♁34	8°53	5°29	9°15
M 3	14 44 1	12°34'44	4♁28	27°R52	22°37	15°31	28°30	3° 9	29° 0	11°48	12°53	7°31	8°49	5°35	9°17
T 4	14 47 58	13°32'42	18°59	27°50	23°50	15°10	28°44	3°15	29° 1	11°47	12°55	7°28	8°46	5°42	9°19
W 5	14 51 54	14°30'38	3♃23	27°44	25° 4	14°48	28°58	3°21	29° 2	11°45	12°56	7°25	8°43	5°49	9°21
T 6	14 55 51	15°28'32	17°32	27°34	26°17	14°27	29°11	3°27	29° 4	11°44	12°57	7°23	8°40	5°56	9°23
F 7	14 59 47	16°26'25	1♁23	27°19	27°30	14° 5	29°25	3°33	29° 6	11°43	12°59	7°D22	8°37	6° 2	9°25
S 8	15 3 44	17°24'16	14°53	26°59	28°44	13°43	29°39	3°39	29° 7	11°41	13° 0	7°22	8°33	6° 9	9°27
S 9	15 7 40	18°22'06	28° 1	26°36	29°57	13°22	29°53	3°46	29° 9	11°40	13° 1	7°23	8°30	6°16	9°29
M10	15 11 37	19°19'55	10♁47	26°10	1♁10	13° 0	0♁ 7	3°52	29°11	11°39	13° 3	7°24	8°27	6°22	9°31
T 11	15 15 34	20°17'42	23°15	25°41	2°24	12°39	0°21	3°58	29°13	11°38	13° 4	7°25	8°24	6°29	9°33
W12	15 19 30	21°15'29	5♁28	25°10	3°37	12°17	0°35	4° 5	29°14	11°37	13° 5	7°26	8°21	6°36	9°35
T 13	15 23 27	22°13'14	17°29	24°37	4°50	11°56	0°49	4°11	29°16	11°35	13° 7	7°R27	8°18	6°43	9°36
F 14	15 27 23	23°10'58	29°24	24° 3	6° 4	11°35	1° 3	4°18	29°18	11°34	13° 8	7°27	8°14	6°49	9°38
S 15	15 31 20	24° 8'40	11♁17	23°28	7°17	11°14	1°17	4°24	29°20	11°33	13° 9	7°26	8°11	6°56	9°40
S 16	15 35 16	25° 6'22	23°13	22°53	8°30	10°54	1°31	4°31	29°22	11°32	13°11	7°25	8° 8	7° 3	9°41
M17	15 39 13	26° 4'03	5♁15	22°20	9°44	10°34	1°45	4°38	29°24	11°31	13°12	7°24	8° 5	7° 9	9°43
T 18	15 43 9	27° 1'42	17°27	21°47	10°57	10°14	1°59	4°44	29°26	11°30	13°13	7°22	8° 2	7°16	9°44
W19	15 47 6	27°59'20	29°53	21°16	12°10	9°55	2°13	4°51	29°28	11°29	13°15	7°21	7°59	7°23	9°46
T 20	15 51 3	28°56'58	12♁33	20°48	13°24	9°36	2°27	4°58	29°31	11°28	13°16	7°20	7°55	7°30	9°47
F 21	15 54 59	29°54'34	25°29	20°22	14°37	9°18	2°41	5° 5	29°33	11°27	13°17	7°19	7°52	7°36	9°48
S 22	15 58 56	0♁52'09	8♁41	19°59	15°50	9° 1	2°55	5°12	29°35	11°26	13°19	7°D19	7°49	7°43	9°50
S 23	16 2 52	1°49'43	22° 8	19°40	17° 4	8°43	3° 9	5°19	29°38	11°25	13°20	7°19	7°46	7°50	9°51
M24	16 6 49	2°47'16	5♁49	19°25	18°17	8°27	3°23	5°26	29°40	11°24	13°21	7°20	7°43	7°57	9°52
T 25	16 10 45	3°44'48	19°41	19°14	19°30	8°11	3°37	5°33	29°42	11°23	13°23	7°20	7°39	8° 3	9°53
W26	16 14 42	4°42'18	3♁43	19° 6	20°44	7°56	3°51	5°40	29°45	11°22	13°24	7°20	7°36	8°10	9°54
T 27	16 18 39	5°39'47	17°51	19°D 4	21°57	7°42	4° 5	5°47	29°47	11°22	13°25	7°21	7°33	8°17	9°55
F 28	16 22 35	6°37'14	2♁ 4	19° 5	23°11	7°28	4°19	5°54	29°50	11°21	13°26	7°21	7°30	8°23	9°56
S 29	16 26 32	7°34'40	16°19	19°11	24°24	7°15	4°33	6° 1	29°52	11°20	13°28	7°21	7°27	8°30	9°57
S 30	16 30 28	8°32'05	0♁33	19°22	25°37	7° 3	4°47	6° 8	29°55	11°19	13°29	7°21	7°24	8°37	9°58
M31	16 34 25	9♁29'29	14♁43	19♁37	26♁51	6♃51	5♁ 1	6♁16	29♁57	11♁19	13♁30	7♁21	7♁20	8♁44	9♁59

Day	☉		☽		♀		♂		♃		♄		♅		♆		♁		♂		♆		♁	
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	15n 3	4n41	5s13	21n53	2n16	6n28	1s33	16s22	0n22	19n 8	0s38	22n57	0s30	20n59	0n35	3s 8	1n41	1n24	14s59	21s37	21s50	4s47	3s18	5n13
S 2	15 21	0s41	5 6	21 46	2 7	6 56	1 32	16 18	0 20	19 12	0 38	22 57	0 30	20 59	0 35	3 8	1 41	1 25	14 59	21 37	21 49	4 44	3 17	5 13
M 3	15 39	6 3	4 40	21 37	1 57	7 24	1 31	16 15	0 17	19 15	0 38	22 57	0 30	20 58	0 35	3 7	1 41	1 25	14 59	21 36	21 49	4 42	3 16	5 14
T 4	15 56	11 4	3 55	21 26	1 46	7 52	1 31	16 11	0 14	19 18	0 38	22 57	0 30	20 58	0 35	3 7	1 41	1 26	14 59	21 36	21 48	4 39	3 15	5 14
W 5	16 13	15 25	2 56	21 13	1 33	8 20	1 30	16 8	0 11	19 21	0 38	22 57	0 30	20 58	0 35	3 6	1 41	1 26	14 59	21 35	21 48	4 37	3 14	5 14
T 6	16 30	18 48	1 47	20 57	1 20	8 47	1 29	16 4	0 9	19 24	0 38	22 57	0 29	20 57	0 35	3 6	1 41	1 27	14 59	21 35	21 48	4 35	3 13	5 14
F 7	16 47	21 1	0 33	20 40	1 6	9 14	1 28	16 0	0 6	19 27	0 38	22 57	0 29	20 57	0 35	3 5	1 41	1 27	14 59	21 35	21 47	4 32	3 12	5 14
S 8	17 4 21	57	0n41	20 21	0 51	9 41	1 27	15 57	0 3	19 30	0 38	22 57	0 29	20 57	0 35	3 5	1 41	1 27	14 59	21 35	21 47	4 30	3 11	5 15
S 9	17 20	21 37	1 51	20 0	0 35	10 8	1 26	15 53	0s 0	19 33	0 38	22 57	0 29	20 56	0 35	3 4	1 41	1 28	14 59	21 35	21 46	4 27	3 10	5 15
M10	17 36	20 9	2 54	19 38	0 19	10 35	1 25	15 49	0 3	19 36	0 37	22 57	0 29	20 56	0 35	3 4	1 41	1 28	14 59	21 35	21 46	4 25	3 9	5 15
T 11	17 51	17 45	3 47	19 15	0 2	11 1	1 24	15 45	0 6	19 39	0 37	22 57	0 29	20 56	0 35	3 4	1 41	1 28	14 59	21 36	21 45	4 22	3 8	5 15
W12	18 7 14	36	4 28	18 50	0s16	11 27	1 22	15 42	0 9	19 42	0 37	22 57	0 29	20 55	0 35	3 3	1 41	1 29	14 59	21 36	21 45	4 20	3 7	5 16
T 13	18 22	10 54	4 57	18 25	0 33	11 53	1 21	15 38	0 12	19 45	0 37	22 57	0 29	20 55	0 35	3 3	1 41	1 29	14 59	21 36	21 44	4 17	3 6	5 16
F 14	18 36	6 49	5 13	18 0	0 51	12 19	1 20	15 34	0 14	19 48	0 37	22 57	0 29	20 54	0 35	3 2	1 41	1 29	14 59	21 36	21 43	4 15	3 5	5 16
S 15	18 51	2 29	5 15	17 35	1 8	12 44	1 18	15 30	0 17	19 51	0 37	22 56	0 28	20 54	0 35	3 2	1 41	1 30	14 59	21 36	21 43	4 12	3 5	5 16
S 16	19 5	1n57	5 4	17 9	1 25	13 9	1 17	15 27	0 20	19 54	0 37	22 56	0 28	20 53	0 35	3 1	1 41	1 30	14 59	21 36	21 42	4 10	3 4	5 17
M17	19 19	6 22	4 40	16 45	1 42	13 34	1 15	15 23	0 23	19 57	0 37	22 56	0 28	20 53	0 35	3 1	1 41	1 31	14 59	21 35	21 42	4 7	3 3	5 17
T 18	19 32	10 35	4 2	16 21	1 58	13 58	1 14	15 20	0 26	20 0	0 37	22 56	0 28	20 53	0 35	3 1	1 41	1 31	14 59	21 35	21 41	4 5	3 2	5 17
W19	19 45	14 27	3 13	15 58	2 13	14 22	1 12	15 16	0 29	20 3	0 37	22 56	0 28	20 52	0 35	3 0	1 41	1 31	15 0	21 35	21 41	4 2	3 1	5 17
T 20	19 58	17 45	2 13	15 37	2 28	14 46	1 10	15 13	0 31	20 6	0 36	22 56	0 28	20 52	0 35	3 0	1 41	1 31	15 0	21 35	21 40	4 0	3 1	5 18
F 21	20 10	20 13	1 5	15 17	2 41	15 10	1 9	15 10	0 34	20 9	0 36	22 56	0 28	20 51	0 35	3 0	1 41	1 32	15 0	21 35	21 40	3 57	3 0	5 18
S 22	20 22	21 40	0s 8	14 59	2 54	15 33	1 7	15 7	0 37	20 11	0 36	22 56	0 28	20 51	0 35	2 59	1 41	1 32	15 0	21 35	21 39	3 55	2 59	5 18
S 23	20 34	21 54	1 21	14 42	3 6	15 55	1 5	15 4	0 40	20 14	0 36	22 55	0 27	20 50	0 35	2 59	1 41	1 32	15 0	21 35	21 39	3 52	2 59	5 18
M24	20 46	20 50	2 14	14 28	3 16	16 18	1 3	15 1	0 42	20 17	0 36	22 55	0 27	20 50	0 35	2 59	1 41	1 33	15 0	21 35	21 38	3 50	2 58	5 19
T 25	20 57	18 31	3 34	14 17	3 25	16 39	1 2	14 58	0 45	20 20	0 36	22 55	0 27	20 49	0 35	2 58	1 40	1 33	15 0	21 35	21 38	3 47	2 57	5 19
W26	21 7	15 5	4 24	14 7	3 33	17 1	1 0	14 56	0 48	20 22	0 36	22 55	0 27	20 48	0 35	2 58	1 40	1 33	15 0	21 35	21 37	3 45	2 57	5 19
T 27	21 18	10 46	4 59	14 0	3 40	17 22	0 58	14 54	0 50	20 25	0 36	22 55	0 27	20 48	0 35	2 58	1 40	1 34	15 0	21 35	21 37	3 42	2 56	5 19
F 28	21 27	5 51	5 16	13 55	3 46	17 42	0 56	14 52	0 53	20 28	0 36	22 54	0 27	20 47	0 35	2 58	1 40	1 34	15 0	21 35	21 36	3 40	2 55	5 20
S 29	21 37	0 36	5 13	13 52	3 50																			

SWISS EPHEMERIS for the year 1621

JUNE 1621 GC

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	16 38 21	10II26'52	28♁47	19♁57	28♁ 4	6°R41	5II14	6♁23	0♁ 0	11°R18	13♁31	7♁21	7♁17	8♁50	9♁59
W 2	16 42 18	11°24'13	12♁42	20°21	29°18	6♁31	5°28	6°30	0° 3	11♁17	13°33	7°21	7°14	8°57	10° 0
T 3	16 46 14	12°21'34	26°25	20°49	0III31	6°22	5°42	6°38	0° 6	11°17	13°34	7°22	7°11	9° 4	10° 1
F 4	16 50 11	13°18'54	9♁54	21°22	1°44	6°14	5°56	6°45	0° 8	11°16	13°35	7°R22	7° 8	9°11	10° 1
S 5	16 54 8	14°16'13	23° 8	21°58	2°58	6° 6	6°10	6°53	0°11	11°16	13°36	7°22	7° 5	9°17	10° 2
S 6	16 58 4	15°13'31	6♁ 4	22°39	4°11	6° 0	6°24	7° 0	0°14	11°15	13°37	7°21	7° 1	9°24	10° 2
M 7	17 2 1	16°10'49	18°45	23°24	5°25	5°54	6°38	7° 7	0°17	11°15	13°39	7°20	6°58	9°31	10° 2
T 8	17 5 57	17° 8'06	1♁10	24°13	6°38	5°49	6°52	7°15	0°20	11°14	13°40	7°19	6°55	9°37	10° 3
W 9	17 9 54	18° 5'22	13°22	25° 6	7°52	5°45	7° 6	7°22	0°23	11°14	13°41	7°17	6°52	9°44	10° 3
T 10	17 13 50	19° 2'38	25°24	26° 2	9° 5	5°41	7°20	7°30	0°26	11°13	13°42	7°16	6°49	9°51	10° 3
F 11	17 17 47	19°59'54	7♁20	27° 2	10°18	5°39	7°33	7°38	0°29	11°13	13°43	7°15	6°45	9°58	10° 3
S 12	17 21 43	20°57'10	19°13	28° 6	11°32	5°37	7°47	7°45	0°32	11°13	13°44	7°D15	6°42	10° 4	10° 3
S 13	17 25 40	21°54'25	1°Y 9	29°14	12°45	5°36	8° 1	7°53	0°35	11°12	13°46	7°15	6°39	10°11	10°R 3
M14	17 29 37	22°51'40	13°12	0III25	13°59	5°D36	8°15	8° 0	0°38	11°12	13°47	7°16	6°36	10°18	10° 3
T 15	17 33 33	23°48'55	25°26	1°39	15°12	5°37	8°28	8° 8	0°41	11°12	13°48	7°17	6°33	10°24	10° 3
W16	17 37 30	24°46'09	7♁55	2°57	16°26	5°38	8°42	8°16	0°44	11°11	13°49	7°18	6°30	10°31	10° 3
T 17	17 41 26	25°43'24	20°43	4°19	17°40	5°41	8°56	8°23	0°47	11°11	13°50	7°20	6°26	10°38	10° 3
F 18	17 45 23	26°40'38	3II52	5°43	18°53	5°44	9° 9	8°31	0°50	11°11	13°51	7°R20	6°23	10°45	10° 3
S 19	17 49 19	27°37'52	17°22	7°11	20° 7	5°48	9°23	8°39	0°54	11°11	13°52	7°20	6°20	10°51	10° 2
S 20	17 53 16	28°35'06	1♁12	8°43	21°20	5°53	9°37	8°47	0°57	11°11	13°53	7°19	6°17	10°58	10° 2
M21	17 57 12	29°32'20	15°20	10°17	22°34	5°58	9°50	8°54	1° 0	11°11	13°54	7°17	6°14	11° 5	10° 1
T 22	18 1 9	0♁29'33	29°40	11°55	23°47	6° 4	10° 4	9° 2	1° 3	11°D11	13°55	7°14	6°11	11°12	10° 1
W23	18 5 6	1°26'46	14♁ 7	13°36	25° 1	6°11	10°17	9°10	1° 7	11°11	13°56	7°10	6° 7	11°18	10° 0
T 24	18 9 2	2°23'58	28°37	15°20	26°15	6°19	10°31	9°18	1°10	11°11	13°57	7° 7	6° 4	11°25	10° 0
F 25	18 12 59	3°21'10	13♁ 3	17° 7	27°28	6°28	10°44	9°25	1°13	11°11	13°58	7° 5	6° 1	11°32	9°59
S 26	18 16 55	4°18'22	27°21	18°58	28°42	6°37	10°57	9°33	1°17	11°11	13°59	7° 4	5°58	11°38	9°58
S 27	18 20 52	5°15'33	11♁30	20°50	29°56	6°47	11°11	9°41	1°20	11°11	14° 0	7°D 4	5°55	11°45	9°58
M28	18 24 48	6°12'44	25°26	22°46	1♁ 9	6°57	11°24	9°49	1°24	11°11	14° 1	7° 5	5°51	11°52	9°57
T 29	18 28 45	7° 9'54	9♁ 9	24°44	2°23	7° 9	11°37	9°57	1°27	11°12	14° 2	7° 6	5°48	11°59	9°56
W30	18 32 41	8♁ 7'05	22♁40	26II44	3♁37	7III21	11II51	10♁ 5	1♁31	11♁12	14♁ 2	7♁ 8	5♁45	12♁ 5	9♁55

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	22n 4	14s 9	3s18	13n57	3s57	19n 0	0s47	14s45	1s 2	20n38	0s35	22n54	0s26	20n45	0n34	2s57	1n40	1n35	15s 1	21s35	21s34	3s30	2s53	5n21
W 2	22 12	17 47	2 12	14 3	3 57	19 18	0 45	14 44	1 5	20 41	0 35	22 53	0 26	20 44	0 34	2 56	1 40	1 35	15 1	21 35	21 34	3 28	2 53	5 21
T 3	22 19	20 22	1 0	14 11	3 57	19 36	0 43	14 43	1 7	20 43	0 35	22 53	0 26	20 44	0 34	2 56	1 40	1 35	15 1	21 35	21 33	3 25	2 52	5 21
F 4	22 27	21 45	0n14	14 21	3 55	19 53	0 41	14 43	1 9	20 46	0 35	22 53	0 26	20 43	0 34	2 56	1 40	1 35	15 1	21 35	21 33	3 23	2 52	5 21
S 5	22 33	21 52	1 26	14 33	3 52	20 10	0 39	14 42	1 11	20 48	0 35	22 53	0 26	20 43	0 34	2 56	1 40	1 36	15 1	21 35	21 32	3 20	2 52	5 22
S 6	22 40	20 49	2 32	14 47	3 49	20 26	0 36	14 42	1 14	20 51	0 35	22 52	0 26	20 42	0 34	2 56	1 40	1 36	15 1	21 35	21 32	3 18	2 51	5 22
M 7	22 46	18 43	3 30	15 2	3 45	20 41	0 34	14 42	1 16	20 53	0 35	22 52	0 26	20 41	0 34	2 55	1 40	1 36	15 1	21 35	21 31	3 15	2 51	5 22
T 8	22 52	15 47	4 16	15 19	3 40	20 56	0 32	14 42	1 18	20 56	0 35	22 52	0 26	20 41	0 34	2 55	1 40	1 36	15 1	21 34	21 30	3 13	2 50	5 22
W 9	22 57	12 13	4 49	15 37	3 34	21 11	0 29	14 43	1 20	20 58	0 35	22 51	0 26	20 40	0 34	2 55	1 40	1 36	15 2	21 34	21 30	3 10	2 50	5 23
T 10	23 2	8 13	5 9	15 57	3 27	21 35	0 27	14 44	1 22	21 0	0 35	22 51	0 26	20 39	0 34	2 55	1 40	1 37	15 2	21 34	21 29	3 8	2 50	5 23
F 11	23 7	3 57	5 16	16 17	3 20	21 28	0 25	14 45	1 24	21 3	0 35	22 51	0 25	20 39	0 34	2 55	1 40	1 37	15 2	21 34	21 29	3 5	2 49	5 23
S 12	23 11	0n28	5 9	16 39	3 12	21 50	0 22	14 46	1 25	21 5	0 35	22 50	0 25	20 38	0 34	2 55	1 40	1 37	15 2	21 34	21 28	3 3	2 49	5 23
S 13	23 14	4 52	4 49	17 2	3 4	22 3	0 20	14 47	1 27	21 7	0 35	22 50	0 25	20 37	0 34	2 55	1 40	1 37	15 2	21 34	21 28	3 0	2 49	5 24
M14	23 18	9 9	4 16	17 25	2 55	22 14	0 18	14 49	1 29	21 9	0 35	22 50	0 25	20 37	0 34	2 55	1 40	1 37	15 2	21 34	21 27	2 58	2 49	5 24
T 15	23 21	13 8	3 31	17 50	2 46	22 25	0 15	14 51	1 31	21 12	0 34	22 49	0 25	20 36	0 34	2 55	1 40	1 37	15 3	21 34	21 27	2 56	2 49	5 24
W16	23 23	16 37	2 35	18 14	2 36	22 35	0 13	14 53	1 32	21 14	0 34	22 49	0 25	20 35	0 34	2 55	1 39	1 38	15 3	21 34	21 26	2 53	2 48	5 24
T 17	23 25	19 25	1 30	18 40	2 26	22 44	0 10	14 55	1 34	21 16	0 34	22 48	0 25	20 35	0 34	2 55	1 39	1 38	15 3	21 35	21 26	2 51	2 48	5 25
F 18	23 27	21 17	0 19	19 5	2 15	22 53	0 8	14 58	1 36	21 18	0 34	22 48	0 25	20 34	0 34	2 55	1 39	1 38	15 3	21 35	21 25	2 48	2 48	5 25
S 19	23 28	21 58	0s55	19 31	2 4	23 1	0 6	15 1	1 37	21 20	0 34	22 48	0 25	20 33	0 34	2 55	1 39	1 38	15 3	21 35	21 25	2 46	2 48	5 25
S 20	23 29	21 21	2 8	19 56	1 53	23 9	0 3	15 4	1 39	21 22	0 34	22 47	0 25	20 33	0 34	2 55	1 39	1 38	15 3	21 34	21 24	2 43	2 48	5 25
M21	23 29	19 24	3 14	20 22	1 41	23 16	0 1	15 7	1 40	21 24	0 34	22 47	0 24	20 32	0 34	2 55	1 39	1 38	15 4	21 34	21 23	2 41	2 48	5 26
T 22	23 29	16 12	4 9	20 47	1 30	23 22	0n 2	15 10	1 42	21 27	0 34	22 46	0 24	20 31	0 34	2 55	1 39	1 38	15 4	21 34	21 23	2 38	2 48	5 26
W23	23 29	12 1	4 49	21 12	1 18	23 28	0 4	15 14	1 43	21 29	0 34	22 46	0 24	20 30	0 34	2 55	1 39	1 38	15 4	21 33	21 22	2 36	2 48	5 26
T 24	23 28	7 8	5 10	21 36	1 6	23 32	0 6	15 18	1 45	21 31	0 34	22 46	0 24	20 30	0 34	2 55	1 39	1 38	15 4	21 33	21 22	2 33	2 48	5 26
F 25	23 27	1 52	5 12	21 58	0 54	23 36	0 9	15 22	1 46	21 33	0 34	22 45	0 24	20 29	0 34	2 55	1 39	1 38	15 4	21 32	21 21	2 31	2 48	5 27
S 26	23 25	3s27	4 54	22 20	0 41	23 40	0 11	15 26	1 47	21 34	0 34	22 45	0 24	20 28	0 34	2 55	1 39	1 38	15 5	21 32	21 21	2 28	2 48	5 27
S 27	23 23	8 31	4 19	22 41	0 29	23 43	0 13	15 31	1 48	21 36	0 34	22 44	0 24	20 27	0 34	2 55	1 39	1 39	15 5	21 32	21 20	2 26	2 48	5 27
M28	23 20	13 5	3 29	23 0	0 18	23 45	0 16	15 35	1 50	21 38	0 34	22 44	0 24	20 27	0 34	2 55	1 39	1 39	15 5	21 32	21 20	2 24	2 48	5 27
T 29	23 18	16 54	2 27	23 17	0 6	23 46	0 18	15 40	1 51	21 40	0 34	22 43	0 24	20 26	0 34	2 55	1 39	1 39	15 5	21 32	21 19	2 21	2 48	5 28
W30	23n14	19s44	1																					

SWISS EPHEMERIS for the year 1621

JULY 1621 GC

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁
T 1	18 36 38	9° 41'5	5° 57'	28° 47'	4° 50'	7° 34'	12° 4'	10° 12'	1° 34'	11° 12'	14° 3'	7° 8'	5° 42'	12° 12'	9° 54'
F 2	18 40 35	10° 1'25	19° 3'	0° 51'	6° 4'	7° 47'	12° 17'	10° 20'	1° 37'	11° 12'	14° 4'	7° 8'	5° 39'	12° 19'	9° 53'
S 3	18 44 31	10° 58'35	1° 35'	2° 57'	7° 18'	8° 1'	12° 30'	10° 28'	1° 41'	11° 13'	14° 5'	7° 6'	5° 36'	12° 26'	9° 52'
S 4	18 48 28	11° 55'46	14° 36'	5° 4'	8° 31'	8° 15'	12° 43'	10° 36'	1° 45'	11° 13'	14° 6'	7° 2'	5° 32'	12° 32'	9° 51'
M 5	18 52 24	12° 52'56	27° 5'	7° 12'	9° 45'	8° 31'	12° 56'	10° 44'	1° 48'	11° 13'	14° 7'	6° 57'	5° 29'	12° 39'	9° 50'
T 6	18 56 21	13° 50'07	9° 23'	9° 21'	10° 59'	8° 46'	13° 9'	10° 51'	1° 52'	11° 14'	14° 7'	6° 50'	5° 26'	12° 46'	9° 48'
W 7	19 0 17	14° 47'18	21° 30'	11° 30'	12° 13'	9° 3'	13° 22'	10° 59'	1° 55'	11° 14'	14° 8'	6° 44'	5° 23'	12° 52'	9° 47'
T 8	19 4 14	15° 44'29	3° 30'	13° 39'	13° 26'	9° 20'	13° 35'	11° 7'	1° 59'	11° 15'	14° 9'	6° 37'	5° 20'	12° 59'	9° 46'
F 9	19 8 10	16° 41'41	15° 24'	15° 48'	14° 40'	9° 37'	13° 47'	11° 15'	2° 2'	11° 15'	14° 10'	6° 32'	5° 16'	13° 6'	9° 44'
S 10	19 12 7	17° 38'54	27° 16'	17° 57'	15° 54'	9° 55'	14° 0'	11° 23'	2° 6'	11° 16'	14° 10'	6° 28'	5° 13'	13° 13'	9° 43'
S 11	19 16 4	18° 36'07	9° 10'	20° 5'	17° 8'	10° 14'	14° 13'	11° 30'	2° 10'	11° 16'	14° 11'	6° 26'	5° 10'	13° 19'	9° 41'
M 12	19 20 0	19° 33'21	21° 11'	22° 12'	18° 22'	10° 33'	14° 25'	11° 38'	2° 13'	11° 17'	14° 12'	6° D26	5° 7'	13° 26'	9° 40'
T 13	19 23 57	20° 30'35	3° 24'	24° 18'	19° 35'	10° 53'	14° 38'	11° 46'	2° 17'	11° 18'	14° 12'	6° 26'	5° 4'	13° 33'	9° 38'
W 14	19 27 53	21° 27'51	15° 53'	26° 23'	20° 49'	11° 13'	14° 50'	11° 54'	2° 20'	11° 18'	14° 13'	6° 28'	5° 1'	13° 39'	9° 36'
T 15	19 31 50	22° 25'07	28° 42'	28° 26'	22° 3'	11° 34'	15° 3'	12° 1'	2° 24'	11° 19'	14° 13'	6° 29'	4° 57'	13° 46'	9° 35'
F 16	19 35 46	23° 22'24	11° 56'	0° 29'	23° 17'	11° 55'	15° 15'	12° 9'	2° 28'	11° 20'	14° 14'	6° R29	4° 54'	13° 53'	9° 33'
S 17	19 39 43	24° 19'41	25° 36'	2° 29'	24° 31'	12° 17'	15° 27'	12° 17'	2° 31'	11° 21'	14° 15'	6° 27'	4° 51'	14° 0'	9° 31'
S 18	19 43 39	25° 17'00	9° 41'	4° 28'	25° 45'	12° 39'	15° 40'	12° 25'	2° 35'	11° 21'	14° 15'	6° 24'	4° 48'	14° 6'	9° 29'
M 19	19 47 36	26° 14'19	24° 9'	6° 26'	26° 59'	13° 1'	15° 52'	12° 32'	2° 39'	11° 22'	14° 16'	6° 18'	4° 45'	14° 13'	9° 28'
T 20	19 51 33	27° 11'39	8° 54'	8° 22'	28° 13'	13° 25'	16° 4'	12° 40'	2° 42'	11° 23'	14° 16'	6° 11'	4° 42'	14° 20'	9° 26'
W 21	19 55 29	28° 8'59	23° 48'	10° 16'	29° 27'	13° 48'	16° 16'	12° 48'	2° 46'	11° 24'	14° 17'	6° 3'	4° 38'	14° 27'	9° 24'
T 22	19 59 26	29° 6'20	8° 42'	12° 9'	0° 41'	14° 12'	16° 28'	12° 55'	2° 50'	11° 25'	14° 17'	5° 56'	4° 35'	14° 33'	9° 22'
F 23	20 3 22	0° 3'42	23° 28'	13° 59'	1° 55'	14° 37'	16° 40'	13° 3'	2° 54'	11° 26'	14° 18'	5° 49'	4° 32'	14° 40'	9° 20'
S 24	20 7 19	1° 1'04	7° 59'	15° 49'	3° 9'	15° 2'	16° 52'	13° 11'	2° 57'	11° 27'	14° 18'	5° 45'	4° 29'	14° 47'	9° 18'
S 25	20 11 15	1° 58'26	22° 12'	17° 36'	4° 23'	15° 27'	17° 3'	13° 18'	3° 1'	11° 28'	14° 19'	5° 43'	4° 26'	14° 53'	9° 15'
M 26	20 15 12	2° 55'49	6° 4'	19° 22'	5° 37'	15° 53'	17° 15'	13° 26'	3° 5'	11° 29'	14° 19'	5° D43	4° 22'	15° 0'	9° 13'
T 27	20 19 8	3° 53'13	19° 37'	21° 6'	6° 51'	16° 19'	17° 27'	13° 33'	3° 8'	11° 30'	14° 19'	5° 43'	4° 19'	15° 7'	9° 11'
W 28	20 23 5	4° 50'37	2° 52'	22° 49'	8° 5'	16° 46'	17° 38'	13° 41'	3° 12'	11° 31'	14° 20'	5° R44	4° 16'	15° 14'	9° 9'
T 29	20 27 2	5° 48'02	15° 52'	24° 29'	9° 19'	17° 13'	17° 49'	13° 48'	3° 16'	11° 32'	14° 20'	5° 44'	4° 13'	15° 20'	9° 7'
F 30	20 30 58	6° 45'28	28° 38'	26° 9'	10° 33'	17° 40'	18° 1'	13° 56'	3° 19'	11° 33'	14° 20'	5° 41'	4° 10'	15° 27'	9° 4'
S 31	20 34 55	7° 42'55	11° 12'	27° 46'	11° 47'	18° 8'	18° 12'	14° 3'	3° 23'	11° 35'	14° 21'	5° 36'	4° 7'	15° 34'	9° 2'

Day	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	23n11	21s27	0s 6	23n45	0n16	23n47	0n23	15s50	1s53	21n44	0s34	22n42	0s24	20n24	0n34
F 2	23 6 21 58	1n 5	23 56	0 27	23 46	0 25	15 56	1 54	21 45	0 33	22 42	0 23	20 24	0 34	2 56
S 3	23 2 21 17	2 11	24 5	0 37	23 44	0 27	16 1	1 55	21 47	0 33	22 41	0 23	20 23	0 34	2 56
S 4	22 57 19 32	3 10	24 10	0 47	23 42	0 30	16 7	1 56	21 49	0 33	22 41	0 23	20 22	0 34	2 56
M 5	22 52 16 53	3 58	24 13	0 56	23 39	0 32	16 13	1 57	21 51	0 33	22 40	0 23	20 21	0 34	2 56
T 6	22 46 13 31	4 35	24 14	1 4	23 36	0 34	16 19	1 58	21 52	0 33	22 40	0 23	20 20	0 34	2 57
W 7	22 40 9 39	4 59	24 11	1 12	23 31	0 36	16 25	1 59	21 54	0 33	22 39	0 23	20 20	0 34	2 57
T 8	22 33 5 26	5 9	24 6	1 19	23 26	0 38	16 31	2 0	21 56	0 33	22 38	0 23	20 19	0 34	2 57
F 9	22 27 1 4	5 6	23 58	1 25	23 21	0 40	16 38	2 1	21 57	0 33	22 38	0 23	20 18	0 34	2 57
S 10	22 19 3n20	4 50	23 47	1 31	23 14	0 42	16 44	2 2	21 59	0 33	22 37	0 23	20 17	0 34	2 57
S 11	22 12 7 38	4 21	23 34	1 36	23 7	0 44	16 51	2 3	22 0	0 33	22 37	0 23	20 16	0 34	2 58
M 12	22 4 11 41	3 40	23 18	1 40	23 0	0 46	16 58	2 3	22 2	0 33	22 36	0 23	20 15	0 34	2 58
T 13	21 55 15 19	2 49	22 59	1 43	22 51	0 48	17 5	2 4	22 3	0 33	22 35	0 23	20 15	0 34	2 58
W 14	21 46 18 22	1 49	22 39	1 45	22 42	0 50	17 12	2 5	22 5	0 33	22 35	0 22	20 14	0 34	2 59
T 15	21 37 20 36	0 42	22 16	1 47	22 32	0 52	17 19	2 5	22 6	0 33	22 34	0 22	20 13	0 34	2 59
F 16	21 28 21 47	0s29	21 51	1 48	22 22	0 54	17 26	2 6	22 7	0 33	22 34	0 22	20 12	0 34	2 59
S 17	21 18 21 44	1 41	21 24	1 49	22 11	0 56	17 34	2 7	22 9	0 33	22 33	0 22	20 11	0 34	3 0
S 18	21 7 20 19	2 49	20 56	1 48	21 59	0 58	17 41	2 7	22 10	0 33	22 32	0 22	20 10	0 34	3 0
M 19	20 57 17 35	3 48	20 26	1 47	21 46	0 59	17 49	2 8	22 12	0 33	22 32	0 22	20 10	0 34	3 0
T 20	20 46 13 41	4 32	19 55	1 46	21 33	1 1	17 56	2 9	22 13	0 33	22 31	0 22	20 9	0 34	3 1
W 21	20 34 8 54	4 59	19 22	1 44	21 20	1 3	18 4	2 9	22 14	0 33	22 30	0 22	20 8	0 34	3 1
T 22	20 23 3 36	5 6	18 48	1 41	21 5	1 4	18 12	2 10	22 15	0 33	22 30	0 22	20 7	0 34	3 2
F 23	20 11 1s52	4 52	18 13	1 38	20 51	1 6	18 20	2 10	22 17	0 33	22 29	0 22	20 6	0 34	3 2
S 24	19 58 7 8	4 19	17 37	1 34	20 35	1 7	18 28	2 11	22 18	0 33	22 28	0 22	20 5	0 34	3 2
S 25	19 46 11 55	3 31	17 1	1 30	20 19	1 9	18 36	2 11	22 19	0 33	22 28	0 22	20 5	0 34	3 3
M 26	19 33 15 57	2 32	16 23	1 25	20 2	1 10	18 44	2 12	22 20	0 33	22 27	0 22	20 4	0 34	3 3
T 27	19 19 19 2	1 25	15 45	1 20	19 45	1 11	18 52	2 12	22 21	0 32	22 26	0 21	20 3	0 34	3 4
W 28	19 6 21 2	0 15	15 7	1 14	19 27	1 13	19 0	2 13	22 22	0 32	22 26	0 21	20 2	0 34	3 4
T 29	18 52 21 51	0n54	14 27	1 8	19 9	1 14	19 8	2 13	22 23	0 32	22 25	0 21	20 1	0 34	3 5
F 30	18 37 21 30	1 59	13 48	1 2	18 50	1 15	19 16	2 13	22 24	0 32	22 24	0 21	20 0	0 34	3 5
S 31	18n23	20s 4	2n57	13n 8	0n55	18n31	1n16	19s24	2s14	22n25	0s32	22n24	0s21	19n59	0n34

Julian Day Number = 2313299.5, Delta T = 114.99 sec  
 Ecliptic obliquity = 23°29'14, Nutation = 0°00'16  
 Ayanamsha: Fagan/Bradley = 19°27'28, Lahiri = 18°34'27 Greg. Calendar

SWISS EPHEMERIS for the year 1621

AUGUST 1621 GC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
S 1	20 38 51	8Ω40'22	23☾36	29Ω22	13♁ 1	18♁36	18♁23	14☽10	3♁27	11♁36	14☾21	5°R29	4♁ 3	15♁40	9°R 0	
M 2	20 42 48	9°37'51	5♁52	0♁56	14°15	19° 4	18°34	14°18	3°31	11°37	14°21	5♁19	4° 0	15°47	8♁57	
T 3	20 46 44	10°35'20	18° 0	2°29	15°29	19°33	18°45	14°25	3°34	11°38	14°21	5° 8	3°57	15°54	8°55	
W 4	20 50 41	11°32'51	0♁ 1	4° 0	16°43	20° 2	18°56	14°32	3°38	11°40	14°22	4°56	3°54	16° 1	8°52	
T 5	20 54 37	12°30'23	11°57	5°29	17°57	20°32	19° 7	14°39	3°42	11°41	14°22	4°44	3°51	16° 7	8°50	
F 6	20 58 34	13°27'56	23°49	6°57	19°11	21° 1	19°18	14°47	3°45	11°42	14°22	4°34	3°48	16°14	8°47	
S 7	21 2 31	14°25'30	5°V40	8°23	20°25	21°32	19°28	14°54	3°49	11°44	14°22	4°25	3°44	16°21	8°45	
S 8	21 6 27	15°23'06	17°33	9°48	21°40	22° 2	19°39	15° 1	3°53	11°45	14°22	4°19	3°41	16°28	8°42	
M 9	21 10 24	16°20'43	29°32	11°10	22°54	22°33	19°49	15° 8	3°56	11°46	14°22	4°16	3°38	16°34	8°39	
T 10	21 14 20	17°18'22	11☾42	12°31	24° 8	23° 4	19°59	15°15	4° 0	11°48	14°23	4°15	3°35	16°41	8°37	
W 11	21 18 17	18°16'02	24° 7	13°50	25°22	23°35	20°10	15°22	4° 3	11°49	14°23	4°D15	3°32	16°48	8°34	
T 12	21 22 13	19°13'44	6♁54	15° 8	26°36	24° 7	20°20	15°29	4° 7	11°51	14°23	4°R15	3°28	16°54	8°31	
F 13	21 26 10	20°11'28	20° 5	16°23	27°50	24°39	20°30	15°36	4°11	11°52	14°23	4°14	3°25	17° 1	8°29	
S 14	21 30 6	21° 9'14	3☽44	17°36	29° 5	25°11	20°40	15°43	4°14	11°54	14°R23	4°11	3°22	17° 8	8°26	
S 15	21 34 3	22° 7'01	17°53	18°48	0♁19	25°44	20°49	15°50	4°18	11°55	14°23	4° 6	3°19	17°15	8°23	
M 16	21 38 0	23° 4'49	2♁30	19°57	1°33	26°16	20°59	15°57	4°21	11°57	14°23	3°58	3°16	17°21	8°20	
T 17	21 41 56	24° 2'39	17°28	21° 4	2°47	26°49	21° 9	16° 3	4°25	11°59	14°23	3°48	3°13	17°28	8°18	
W 18	21 45 53	25° 0'31	2♁39	22° 9	4° 2	27°23	21°18	16°10	4°28	12° 0	14°23	3°37	3° 9	17°35	8°15	
T 19	21 49 49	25°58'24	17°53	23°12	5°16	27°56	21°28	16°17	4°32	12° 2	14°22	3°27	3° 6	17°41	8°12	
F 20	21 53 46	26°56'18	2♁58	24°12	6°30	28°30	21°37	16°23	4°35	12° 4	14°22	3°18	3° 3	17°48	8° 9	
S 21	21 57 42	27°54'14	17°46	25° 9	7°44	29° 4	21°46	16°30	4°39	12° 5	14°22	3°11	3° 0	17°55	8° 6	
S 22	22 1 39	28°52'11	2♁10	26° 3	8°59	29°39	21°55	16°36	4°42	12° 7	14°22	3° 7	2°57	18° 2	8° 4	
M 23	22 5 35	29°50'09	16° 9	26°55	10°13	0♁14	22° 4	16°43	4°46	12° 9	14°22	3° 5	2°54	18° 8	8° 1	
T 24	22 9 32	0♁48'09	29°42	27°43	11°27	0°48	22°12	16°49	4°49	12°11	14°22	3° 5	2°50	18°15	7°58	
W 25	22 13 29	1°46'10	12♁52	28°28	12°41	1°24	22°21	16°56	4°53	12°12	14°21	3° 5	2°47	18°22	7°55	
T 26	22 17 25	2°44'13	25°42	29°10	13°56	1°59	22°29	17° 2	4°56	12°14	14°21	3° 4	2°44	18°28	7°52	
F 27	22 21 22	3°42'17	8☾17	29°47	15°10	2°35	22°38	17° 8	4°59	12°16	14°21	3° 1	2°41	18°35	7°49	
S 28	22 25 18	4°40'22	20°39	0♁21	16°24	3°10	22°46	17°14	5° 3	12°18	14°21	2°55	2°38	18°42	7°46	
S 29	22 29 15	5°38'29	2♁51	0°50	17°39	3°46	22°54	17°20	5° 6	12°20	14°20	2°46	2°34	18°49	7°43	
M 30	22 33 11	6°36'37	14°56	1°15	18°53	4°23	23° 2	17°26	5° 9	12°22	14°20	2°35	2°31	18°55	7°40	
T 31	22 37 8	7♁34'47	26♁55	1♁34	20♁ 7	4♁59	23♁10	17☽32	5♁13	12♁24	14☾20	2♁21	2♁28	19♁ 2	7♁38	

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
S 1	18n 8	17s42	3n46	12n28	0n48	18n11	1n17	19s32	2s14	22n26	0s32	22n23	0s21	19n59	0n34	3s 6
M 2	17 53	14 35	4 24	11 48	0 41	17 50	1 18	19 41	2 14	22 27	0 32	22 22	0 21	19 58	0 34	3 7
T 3	17 37	10 53	4 49	11 8	0 33	17 29	1 19	19 49	2 15	22 28	0 32	22 22	0 21	19 57	0 34	3 7
W 4	17 21	6 47	5 1	10 27	0 26	17 8	1 20	19 57	2 15	22 29	0 32	22 21	0 21	19 56	0 34	3 8
T 5	17 5	2 29	5 0	9 47	0 17	16 46	1 21	20 5	2 15	22 30	0 32	22 20	0 21	19 55	0 34	3 8
F 6	16 49	1n54	4 45	9 7	0 9	16 24	1 22	20 14	2 15	22 31	0 32	22 19	0 21	19 54	0 34	3 9
S 7	16 32	6 13	4 19	8 27	0 1	16 1	1 22	20 22	2 16	22 32	0 32	22 19	0 21	19 54	0 34	3 9
S 8	16 15	10 18	3 41	7 47	0s 8	15 37	1 23	20 30	2 16	22 33	0 32	22 18	0 21	19 53	0 34	3 10
M 9	15 58	14 2	2 53	7 8	0 17	15 14	1 24	20 38	2 16	22 34	0 32	22 17	0 20	19 52	0 34	3 11
T 10	15 41	17 13	1 57	6 28	0 26	14 50	1 24	20 46	2 16	22 35	0 32	22 17	0 20	19 51	0 34	3 11
W 11	15 23	19 42	0 53	5 49	0 36	14 25	1 25	20 54	2 16	22 35	0 32	22 16	0 20	19 50	0 34	3 12
T 12	15 5	21 16	0s14	5 11	0 45	14 0	1 25	21 3	2 17	22 36	0 32	22 15	0 20	19 49	0 34	3 12
F 13	14 47	21 44	1 23	4 33	0 55	13 35	1 25	21 11	2 17	22 37	0 32	22 14	0 20	19 48	0 34	3 13
S 14	14 29	20 57	2 29	3 55	1 4	13 9	1 26	21 19	2 17	22 38	0 32	22 14	0 20	19 48	0 34	3 14
S 15	14 10	18 50	3 29	3 18	1 14	12 43	1 26	21 27	2 17	22 38	0 32	22 13	0 20	19 47	0 34	3 14
M 16	13 51	15 28	4 17	2 42	1 24	12 17	1 26	21 35	2 17	22 39	0 32	22 12	0 20	19 46	0 34	3 15
T 17	13 32	11 3	4 49	2 7	1 34	11 50	1 26	21 43	2 17	22 40	0 32	22 11	0 20	19 45	0 34	3 16
W 18	13 13	5 52	5 1	1 32	1 44	11 23	1 26	21 50	2 17	22 40	0 32	22 11	0 20	19 44	0 34	3 16
T 19	12 53	0 20	4 51	0 58	1 53	10 56	1 26	21 58	2 17	22 41	0 32	22 10	0 20	19 43	0 34	3 17
F 20	12 33	5s11	4 22	0 25	2 3	10 28	1 26	22 6	2 17	22 41	0 32	22 9	0 20	19 43	0 34	3 18
S 21	12 14	10 18	3 35	0s 6	2 13	10 0	1 26	22 13	2 17	22 42	0 32	22 8	0 20	19 42	0 34	3 18
S 22	11 53	14 41	2 36	0 37	2 23	9 32	1 25	22 21	2 17	22 43	0 32	22 8	0 20	19 41	0 34	3 19
M 23	11 33	18 7	1 28	1 6	2 33	9 4	1 25	22 28	2 17	22 43	0 32	22 7	0 20	19 40	0 34	3 20
T 24	11 13	20 25	0 18	1 34	2 42	8 35	1 25	22 36	2 17	22 44	0 32	22 6	0 19	19 39	0 34	3 21
W 25	10 52	21 32	0m51	2 1	2 52	8 6	1 24	22 43	2 17	22 44	0 32	22 6	0 19	19 39	0 35	3 21
T 26	10 31	21 29	1 56	2 26	3 1	7 37	1 24	22 50	2 17	22 45	0 32	22 5	0 19	19 38	0 35	3 22
F 27	10 10	20 20	2 54	2 49	3 10	7 8	1 23	22 57	2 17	22 45	0 32	22 4	0 19	19 37	0 35	3 23
S 28	9 49	18 14	3 43	3 10	3 18	6 38	1 22	23 4	2 17	22 46	0 32	22 3	0 19	19 36	0 35	3 24
S 29	9 28	15 20	4 20	3 29	3 26	6 9	1 22	23 11	2 17	22 46	0 32	22 3	0 19	19 35	0 35	3 24
M 30	9 6	11 50	4 46	3 46	3 34	5 39	1 21	23 18	2 17	22 47	0 32	22 2	0 19	19 35	0 35	3 25
T 31	8n45	7s53	4n58	4s 1	3s42	5n 9	1n20	23s25	2s17	22n47	0s32	22n 1	0s19	19n34	0n35	3s26

Julian Day Number = 2313330.5, Delta T = 114.66 sec  
 Ecliptic obliquity = 23°29'14, Nutation = 0°00'17  
 Ayanamsha: Fagan/Bradley = 19°27'32, Lahiri = 18°34'32Greg. Calendar



SWISS EPHEMERIS for the year 1621

SEPTEMBER 1621 GC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
W 1	22 41 4	8♁32'58	8♁51	1♁49	21♁21	5♁36	23♁18	17♁38	5♁16	12♁25	14♁R19	2♁R 7	2♁25	19♁ 9	7♁R35
T 2	22 45 1	9°31'12	20°43	1°58	22°36	6°13	23°25	17°44	5°19	12°27	14♁R19	1♁54	2°22	19°15	7♁R32
F 3	22 48 58	10°29'27	2°Y35	2°R 1	23°50	6°50	23°32	17°50	5°22	12°29	14°19	1°41	2°19	19°22	7°29
S 4	22 52 54	11°27'44	14°27	1°58	25° 4	7°27	23°40	17°56	5°26	12°31	14°18	1°31	2°15	19°29	7°26
S 5	22 56 51	12°26'03	26°22	1°49	26°19	8° 4	23°47	18° 1	5°29	12°33	14°18	1°24	2°12	19°36	7°23
M 6	23 0 47	13°24'25	8♁22	1°33	27°33	8°42	23°54	18° 7	5°32	12°35	14°17	1°20	2° 9	19°42	7°20
T 7	23 4 44	14°22'48	20°33	1°10	28°47	9°20	24° 1	18°12	5°35	12°37	14°17	1°18	2° 6	19°49	7°17
W 8	23 8 40	15°21'13	2♁57	0°41	0♁ 2	9°58	24° 7	18°18	5°38	12°39	14°16	1°D17	2° 3	19°56	7°14
T 9	23 12 37	16°19'41	15°40	0° 5	1°16	10°36	24°14	18°23	5°41	12°41	14°16	1°R17	1°59	20° 3	7°11
F 10	23 16 33	17°18'11	28°46	29♁22	2°30	11°14	24°20	18°28	5°44	12°43	14°15	1°17	1°56	20° 9	7° 9
S 11	23 20 30	18°16'43	12♁19	28°34	3°44	11°53	24°26	18°34	5°47	12°45	14°15	1°15	1°53	20°16	7° 6
S 12	23 24 27	19°15'17	26°21	27°40	4°59	12°31	24°32	18°39	5°50	12°48	14°14	1°10	1°50	20°23	7° 3
M13	23 28 23	20°13'53	10♁51	26°42	6°13	13°10	24°38	18°44	5°53	12°50	14°14	1° 4	1°47	20°29	7° 0
T 14	23 32 20	21°12'32	25°47	25°40	7°27	13°49	24°44	18°49	5°56	12°52	14°13	0°55	1°44	20°36	6°57
W15	23 36 16	22°11'13	11♁ 0	24°36	8°42	14°29	24°50	18°54	5°59	12°54	14°12	0°45	1°40	20°43	6°55
T 16	23 40 13	23° 9'55	26°19	23°32	9°56	15° 8	24°55	18°58	6° 1	12°56	14°12	0°35	1°37	20°50	6°52
F 17	23 44 9	24° 8'40	11♁34	22°28	11°10	15°48	25° 0	19° 3	6° 4	12°58	14°11	0°26	1°34	20°56	6°49
S 18	23 48 6	25° 7'26	26°34	21°26	12°25	16°27	25° 5	19° 8	6° 7	13° 0	14°10	0°20	1°31	21° 3	6°46
S 19	23 52 2	26° 6'15	11♁11	20°28	13°39	17° 7	25°10	19°12	6°10	13° 2	14°10	0°16	1°28	21°10	6°44
M20	23 55 59	27° 5'05	25°20	19°36	14°53	17°47	25°15	19°17	6°12	13° 5	14° 9	0°D15	1°25	21°16	6°41
T 21	23 59 55	28° 3'57	9♁ 0	18°51	16° 8	18°27	25°19	19°21	6°15	13° 7	14° 8	0°15	1°21	21°23	6°38
W22	0 3 52	29° 2'51	22°14	18°14	17°22	19° 8	25°24	19°26	6°17	13° 9	14° 8	0°15	1°18	21°30	6°36
T 23	0 7 49	0♁ 1'46	5♁ 5	17°46	18°36	19°48	25°28	19°30	6°20	13°11	14° 7	0°R15	1°15	21°37	6°33
F 24	0 11 45	1° 0'43	17°36	17°27	19°51	20°29	25°32	19°34	6°23	13°13	14° 6	0°14	1°12	21°43	6°31
S 25	0 15 42	1°59'42	29°53	17°D19	21° 5	21° 9	25°36	19°38	6°25	13°15	14° 5	0°10	1° 9	21°50	6°28
S 26	0 19 38	2°58'43	11♁59	17°21	22°19	21°50	25°39	19°42	6°27	13°18	14° 4	0° 4	1° 5	21°57	6°25
M27	0 23 35	3°57'45	23°57	17°34	23°33	22°31	25°43	19°46	6°30	13°20	14° 4	29♁56	1° 2	22° 3	6°23
T 28	0 27 31	4°56'50	5♁51	17°57	24°48	23°12	25°46	19°50	6°32	13°22	14° 3	29°46	0°59	22°10	6°21
W29	0 31 28	5°55'56	17°44	18°29	26° 2	23°54	25°49	19°53	6°34	13°24	14° 2	29°35	0°56	22°17	6°18
T 30	0 35 24	6°55'04	29♁36	19♁11	27♁16	24♁35	25♁52	19°57	6♁37	13°27	14♁ 1	29♁25	0°53	22♁24	6♁16

Day	☉		☽		♀		♁		♂		♃		♅		♁		♁		♁		♁			
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat		
W 1	8n23	3s40	4n58	4s13	3s48	4n39	1n19	23s31	2s16	22n47	0s32	22n 1	0s19	19n33	0n35	3s27	1n36	1n27	15s23	20s38	20s41	0n14	3s34	5n34
T 2	8 1	0n40	4 44	4 22	3 54	4 8	1 18	23 38	2 16	22 48	0 32	22 0	0 19	19 32	0 35	3 27	1 36	1 26	15 23	20 35	20 41	0 16	3 35	5 34
F 3	7 39	4 58	4 18	4 28	4 0	3 38	1 17	23 44	2 16	22 48	0 32	21 59	0 19	19 32	0 35	3 28	1 36	1 26	15 23	20 32	20 40	0 19	3 36	5 34
S 4	7 17	9 6	3 41	4 31	4 4	3 7	1 16	23 50	2 16	22 48	0 32	21 59	0 19	19 31	0 35	3 29	1 36	1 26	15 24	20 30	20 39	0 21	3 37	5 34
S 5	6 55	12 53	2 54	4 30	4 7	2 37	1 15	23 56	2 16	22 49	0 32	21 58	0 19	19 30	0 35	3 30	1 36	1 25	15 24	20 29	20 39	0 23	3 39	5 34
M 6	6 32	16 11	1 58	4 26	4 9	2 6	1 13	24 2	2 16	22 49	0 32	21 57	0 19	19 29	0 35	3 30	1 36	1 25	15 24	20 28	20 38	0 26	3 40	5 34
T 7	6 10	18 50	0 57	4 17	4 10	1 35	1 12	24 7	2 15	22 50	0 32	21 56	0 19	19 29	0 35	3 31	1 36	1 25	15 24	20 28	20 37	0 28	3 41	5 34
W 8	5 47	20 39	0s 9	4 5	4 10	1 4	1 11	24 13	2 15	22 50	0 32	21 56	0 18	19 28	0 35	3 32	1 36	1 24	15 25	20 28	20 37	0 31	3 42	5 34
T 9	5 24	21 28	1 16	3 49	4 7	0 33	1 9	24 18	2 15	22 50	0 32	21 55	0 18	19 27	0 35	3 33	1 36	1 24	15 25	20 28	20 36	0 33	3 43	5 34
F 10	5 2	21 9	2 20	3 28	4 4	0 2	1 8	24 24	2 15	22 50	0 32	21 54	0 18	19 26	0 35	3 34	1 36	1 23	15 25	20 27	20 35	0 35	3 44	5 34
S 11	4 39	19 36	3 19	3 4	3 58	0s29	1 6	24 29	2 14	22 51	0 32	21 54	0 18	19 26	0 35	3 35	1 36	1 23	15 25	20 27	20 35	0 38	3 45	5 33
S 12	4 16	16 51	4 9	2 35	3 50	0 59	1 5	24 34	2 14	22 51	0 32	21 53	0 18	19 25	0 35	3 35	1 36	1 23	15 26	20 26	20 34	0 40	3 47	5 33
M13	3 53	12 59	4 44	2 4	3 41	1 30	1 3	24 38	2 14	22 51	0 32	21 53	0 18	19 24	0 35	3 36	1 36	1 22	15 26	20 25	20 34	0 42	3 48	5 33
T 14	3 30	8 13	5 1	1 28	3 29	2 1	1 1	24 43	2 14	22 51	0 32	21 52	0 18	19 24	0 35	3 37	1 36	1 22	15 26	20 23	20 33	0 45	3 49	5 33
W15	3 6	2 52	4 58	0 51	3 16	2 32	1 0	24 47	2 13	22 52	0 32	21 51	0 18	19 23	0 35	3 38	1 36	1 22	15 26	20 21	20 32	0 47	3 50	5 33
T 16	2 43	2s42	4 33	0 11	3 1	3 3	0 58	24 52	2 13	22 52	0 31	21 51	0 18	19 22	0 35	3 39	1 36	1 21	15 27	20 19	20 32	0 49	3 51	5 33
F 17	2 20	8 5	3 49	0n29	2 44	3 34	0 56	24 56	2 13	22 52	0 31	21 50	0 18	19 22	0 35	3 40	1 36	1 21	15 27	20 17	20 31	0 52	3 52	5 33
S 18	1 56	12 54	2 49	1 10	2 26	4 5	0 54	24 59	2 12	22 52	0 31	21 50	0 18	19 21	0 35	3 40	1 36	1 20	15 27	20 16	20 30	0 54	3 54	5 32
S 19	1 33	16 48	1 40	1 50	2 7	4 36	0 52	25 3	2 12	22 53	0 31	21 49	0 18	19 20	0 35	3 41	1 36	1 20	15 27	20 15	20 30	0 57	3 55	5 32
M20	1 10	19 33	0 26	2 29	1 47	5 6	0 50	25 7	2 12	22 53	0 31	21 48	0 18	19 20	0 35	3 42	1 36	1 20	15 27	20 15	20 29	0 59	3 56	5 32
T 21	0 46	21 5	0n47	3 5	1 27	5 37	0 48	25 10	2 11	22 53	0 31	21 48	0 18	19 19	0 35	3 43	1 36	1 19	15 28	20 15	20 28	1 1	4 3 57	5 32
W22	0 23	21 21	1 55	3 39	1 7	6 7	0 46	25 13	2 11	22 53	0 31	21 47	0 18	19 18	0 35	3 44	1 36	1 19	15 28	20 15	20 28	1 4	3 58	5 32
T 23	0s 1	20 29	2 55	4 8	0 47	6 38	0 44	25 16	2 10	22 53	0 31	21 47	0 17	19 18	0 35	3 45	1 36	1 18	15 28	20 15	20 27	1 6	3 59	5 31
F 24	0 24	18 36	3 45	4 33	0 27	7 8	0 42	25 18	2 10	22 53	0 31	21 46	0 17	19 17	0 35	3 46	1 36	1 18	15 28	20 14	20 26	1 8	4 0	5 31
S 25	0 48	15 55	4 24	4 53	0 9	7 38	0 40	25 21	2 10	22 53	0 31	21 46	0 17	19 17	0 35	3 46	1 36	1 18	15 28	20 14	20 26	1 11	4 2	5 31
S 26	1 11	12 35	4 50	5 8	0n 9	8 8	0 37	25 23	2 9	22 54	0 31	21 45	0 17	19 16	0 35	3 47	1 36	1 17	15 29	20 12	20 25	1 13	4 3	5 31
M27	1 35	8 47	5 3	5 19	0 25	8 37	0 35	25 25	2 9	22 54	0 31	21 45	0 17	19 15	0 35	3 48	1 36	1 17	15 29	20 11	20 24	1 15	4 4	5 31
T 28	1 58	4 41	5 3	5 24	0 41	9 7	0 33	25 27	2 8	22 54	0 31	21 44	0 17	19 15	0 35	3 49	1 36	1 16	15 29	20 8	20 24	1 18	4 5	5 30
W29	2 22	0 25	4 50	5 24	0 54	9 36	0 30	25 29	2 8	22 54	0 31	21 44	0 17	19 14	0 35	3 50	1 36	1 16	15 29	20 6	20 23	1 20	4 6	5 30

SWISS EPHEMERIS for the year 1621

OCTOBER 1621 GC

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
F 1	0 39 21	7♁54'15	11♃30	20♃1	28♁30	25♂17	25♁55	20♁0	6♁39	13♁29	14°R 0	29°R16	0♂50	22♂30	6°R13
S 2	0 43 18	8°53'27	23°27	20°58	29°45	25°58	25°57	20° 4	6°41	13°31	13♂59	29♃ 8	0°46	22°37	6♂11
S 3	0 47 14	9°52'42	5♂28	22° 3	0♃59	26°40	25°59	20° 7	6°43	13°33	13°59	29° 3	0°43	22°44	6° 9
M 4	0 51 11	10°51'59	17°37	23°14	2°13	27°22	26° 2	20°10	6°45	13°35	13°58	29° 0	0°40	22°50	6° 7
T 5	0 55 7	11°51'18	29°54	24°31	3°27	28° 4	26° 3	20°13	6°47	13°38	13°57	28°D59	0°37	22°57	6° 4
W 6	0 59 4	12°50'39	12♁24	25°52	4°42	28°46	26° 5	20°16	6°49	13°40	13°56	29° 0	0°34	23° 4	6° 2
T 7	1 3 0	13°50'03	25°10	27°18	5°56	29°28	26° 7	20°19	6°51	13°42	13°55	29° 2	0°31	23°10	6° 0
F 8	1 6 57	14°49'29	8♁14	28°47	7°10	0♂10	26° 8	20°22	6°53	13°44	13°54	29° 3	0°27	23°17	5°58
S 9	1 10 53	15°48'57	21°42	0♁19	8°24	0°53	26° 9	20°25	6°55	13°47	13°53	29°R 3	0°24	23°24	5°56
S 10	1 14 50	16°48'28	5♁33	1°54	9°38	1°35	26°10	20°27	6°57	13°49	13°52	29° 1	0°21	23°31	5°54
M11	1 18 47	17°48'01	19°50	3°30	10°53	2°18	26°11	20°30	6°59	13°51	13°51	28°58	0°18	23°37	5°52
T 12	1 22 43	18°47'36	4♃30	5° 8	12° 7	3° 1	26°12	20°32	7° 0	13°53	13°50	28°53	0°15	23°44	5°50
W13	1 26 40	19°47'14	19♁28	6°48	13°21	3°43	26°12	20°34	7° 2	13°56	13°49	28°47	0°11	23°51	5°48
T 14	1 30 36	20°46'53	4♁35	8°28	14°35	4°26	26°R12	20°37	7° 4	13°58	13°48	28°41	0° 8	23°57	5°46
F 15	1 34 33	21°46'35	19°43	10° 9	15°49	5° 9	26°12	20°39	7° 5	14° 0	13°47	28°36	0° 5	24° 4	5°45
S 16	1 38 29	22°46'19	4♃41	11°50	17° 4	5°52	26°12	20°41	7° 7	14° 2	13°46	28°32	0° 2	24°11	5°43
S 17	1 42 26	23°46'05	19°21	13°31	18°18	6°36	26°11	20°43	7° 8	14° 5	13°45	28°31	29♃59	24°18	5°41
M18	1 46 22	24°45'53	3♂37	15°13	19°32	7°19	26°11	20°44	7°10	14° 7	13°44	28°D30	29°56	24°24	5°40
T 19	1 50 19	25°45'42	17°26	16°55	20°46	8° 2	26°10	20°46	7°11	14° 9	13°43	28°31	29°52	24°31	5°38
W20	1 54 15	26°45'34	0♂48	18°36	22° 0	8°46	26° 9	20°47	7°12	14°11	13°42	28°33	29°49	24°38	5°36
T 21	1 58 12	27°45'27	13°44	20°18	23°15	9°29	26° 7	20°49	7°14	14°13	13°41	28°34	29°46	24°44	5°35
F 22	2 2 9	28°45'22	26°19	21°59	24°29	10°13	26° 6	20°50	7°15	14°16	13°39	28°R35	29°43	24°51	5°33
S 23	2 6 5	29°45'18	8♁37	23°40	25°43	10°57	26° 4	20°51	7°16	14°18	13°38	28°35	29°40	24°58	5°32
S 24	2 10 2	0♃45'16	20°41	25°20	26°57	11°41	26° 2	20°52	7°17	14°20	13°37	28°33	29°36	25° 5	5°31
M25	2 13 58	1°45'16	2♂38	27° 0	28°11	12°24	26° 0	20°53	7°18	14°22	13°36	28°30	29°33	25°11	5°30
T 26	2 17 55	2°45'17	14°30	28°40	29°25	13° 8	25°58	20°54	7°19	14°24	13°35	28°26	29°30	25°18	5°28
W27	2 21 51	3°45'20	26°22	0♃19	0♂39	13°52	25°56	20°55	7°20	14°26	13°34	28°22	29°27	25°25	5°27
T 28	2 25 48	4°45'25	8♃15	1°58	1°53	14°37	25°53	20°56	7°21	14°28	13°33	28°18	29°24	25°31	5°26
F 29	2 29 44	5°45'31	20°14	3°36	3° 7	15°21	25°50	20°56	7°22	14°31	13°32	28°14	29°21	25°38	5°25
S 30	2 33 41	6°45'39	2♂19	5°15	4°21	16° 5	25°47	20°57	7°23	14°33	13°31	28°11	29°17	25°45	5°24
S 31	2 37 38	7♃45'49	14♂32	6♃52	5♂35	16♂49	25♁44	20♁57	7♁23	14♁35	13♁30	28♃ 9	29♃14	25♂52	5♂23

Day	☉			☽			♀			♁			♂			♃			♅			♁			♁			♁			♁																	
	decl	lat	lat	decl	lat	lat	decl	lat	lat	decl	lat	lat	decl	lat	lat	decl	lat	lat	decl	lat	lat	decl	lat	lat	decl	lat	lat	decl	lat	lat																		
F 1	3s 8	8n 2	3n47	5n 9	1n18	10s34	0n26	25s31	2s 7	22n54	0s31	21n43	0s17	19n13	0n36	3s52	1n36	1n15	15s30	20s 2	20s22	1n25	4s 8	5n30	3 32	11 54	2 59	4 55	1 27	11 3	0 23	25 32	2 7	22 54	0 31	21 42	0 17	19 13	0 36	3 52	1 36	1 15	15 30	20 0	20 21	1 27	4 9	5 29
S 3	3 55	15 19	2 3	4 37	1 36	11 31	0 21	25 33	2 6	22 54	0 31	21 42	0 17	19 12	0 36	3 53	1 36	1 14	15 30	19 59	20 21	1 29	4 10	5 29	4 19	18 6	1 1	4 15	1 42	11 59	0 18	25 33	2 6	22 54	0 31	21 42	0 17	19 12	0 36	3 54	1 36	1 14	15 30	19 59	20 20	1 32	4 11	5 29
M 4	4 19	18 6	1 3	4 15	1 42	11 59	0 18	25 33	2 6	22 54	0 31	21 42	0 17	19 12	0 36	3 54	1 36	1 14	15 30	19 59	20 20	1 32	4 11	5 29	4 42	20 5	0s 5	3 50	1 48	12 27	0 16	25 33	2 5	22 55	0 31	21 41	0 17	19 11	0 36	3 55	1 36	1 13	15 30	19 58	20 19	1 34	4 12	5 29
T 5	4 42	20 5	0s 5	3 50	1 48	12 27	0 16	25 33	2 5	22 55	0 31	21 41	0 17	19 11	0 36	3 55	1 36	1 13	15 30	19 58	20 19	1 34	4 12	5 29	5 52	21 8	1 12	3 22	1 52	12 54	0 13	25 33	2 4	22 55	0 31	21 41	0 17	19 11	0 36	3 56	1 36	1 13	15 30	19 59	20 19	1 36	4 13	5 28
W 6	5 52	21 8	1 12	3 22	1 52	12 54	0 13	25 33	2 4	22 55	0 31	21 41	0 17	19 11	0 36	3 56	1 36	1 13	15 30	19 59	20 19	1 36	4 13	5 28	5 28	21 7	2 17	2 51	1 56	13 22	0 10	25 33	2 4	22 55	0 31	21 40	0 17	19 10	0 36	3 57	1 36	1 13	15 30	19 59	20 18	1 39	4 14	5 28
T 7	5 28	21 7	2 17	2 51	1 56	13 22	0 10	25 33	2 4	22 55	0 31	21 40	0 17	19 10	0 36	3 57	1 36	1 13	15 30	19 59	20 18	1 39	4 14	5 28	5 28	19 58	3 16	2 17	1 58	13 49	0 8	25 33	2 3	22 55	0 31	21 40	0 16	19 10	0 36	3 58	1 36	1 12	15 31	19 59	20 17	1 41	4 15	5 28
F 8	5 51	19 58	3 16	2 17	1 58	13 49	0 8	25 33	2 3	22 55	0 31	21 40	0 16	19 10	0 36	3 58	1 36	1 12	15 31	19 59	20 17	1 41	4 15	5 28	5 28	17 40	4 7	1 42	1 59	14 15	0 5	25 32	2 3	22 55	0 31	21 40	0 16	19 9	0 36	3 58	1 36	1 12	15 31	19 59	20 17	1 43	4 16	5 28
S 9	6 14	17 40	4 7	1 42	1 59	14 15	0 5	25 32	2 3	22 55	0 31	21 40	0 16	19 9	0 36	3 58	1 36	1 12	15 31	19 59	20 17	1 43	4 16	5 28	5 28	14 19	4 45	1 4	2 0	14 41	0 2	25 31	2 2	22 55	0 31	21 39	0 16	19 9	0 36	3 59	1 36	1 12	15 31	19 59	20 16	1 46	4 17	5 27
S 10	6 37	14 19	4 45	1 4	2 0	14 41	0 2	25 31	2 2	22 55	0 31	21 39	0 16	19 9	0 36	3 59	1 36	1 12	15 31	19 59	20 16	1 46	4 17	5 27	5 27	10 30	5 6	0 26	1 59	15 7	0s 0	25 30	2 2	22 55	0 31	21 39	0 16	19 9	0 36	4 0	1 36	1 11	15 31	19 58	20 15	1 48	4 18	5 27
M11	7 0	10 3	5 6	0 26	1 59	15 7	0s 0	25 30	2 2	22 55	0 31	21 39	0 16	19 9	0 36	4 0	1 36	1 11	15 31	19 58	20 15	1 48	4 18	5 27	5 27	23 5	5 5	0s15	1 58	15 33	0 3	25 28	2 1	22 55	0 31	21 39	0 16	19 8	0 36	4 1	1 36	1 11	15 31	19 57	20 15	1 50	4 19	5 27
T 12	7 23	5 5	5 9	0s15	1 58	15 33	0 3	25 28	2 1	22 55	0 31	21 39	0 16	19 8	0 36	4 1	1 36	1 11	15 31	19 57	20 15	1 50	4 19	5 27	5 27	0s16	4 50	0 56	1 56	15 58	0 6	25 27	2 1	22 55	0 31	21 39	0 16	19 8	0 36	4 2	1 36	1 10	15 31	19 56	20 14	1 53	4 20	5 27
W13	7 45	0s16	4 50	0 56	1 56	15 58	0 6	25 27	2 1	22 55	0 31	21 39	0 16	19 8	0 36	4 2	1 36	1 10	15 31	19 56	20 14	1 53	4 20	5 27	5 27	8 8	5 41	4 12	1 37	1 53	16 23	0 8	25 25	2 0	22 55	0 31	21 38	0 16	19 7	0 36	4 3	1 36						

SWISS EPHEMERIS for the year 1621

NOVEMBER 1621 GC

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
M 1	2 41 34	8♍46°01'	26♃54	8♍29	6♁49	17♃34	25°R41	20♁57	7♎24	14♁37	13°R28	28°D 9	29♍11	25♁58	5°R22
T 2	2 45 31	9°46'15"	9♂28	10° 6	8° 3	18°18	25♂37	20°R57	7°25	14°39	13♂27	28♍ 9	29° 8	26° 5	5♁21
W 3	2 49 27	10°46'31"	22°13	11°42	9°17	19° 2	25°33	20°57	7°25	14°41	13°26	28°10	29° 5	26°12	5°21
T 4	2 53 24	11°46'49"	5♁12	13°19	10°31	19°47	25°29	20°57	7°26	14°43	13°25	28°12	29° 2	26°18	5°20
F 5	2 57 20	12°47'09"	18°25	14°54	11°45	20°32	25°25	20°57	7°26	14°45	13°24	28°13	28°58	26°25	5°19
S 6	3 1 17	13°47'30"	1♁56	16°30	12°59	21°16	25°21	20°56	7°26	14°47	13°23	28°14	28°55	26°32	5°19
S 7	3 5 13	14°47'54"	15°43	18° 5	14°13	22° 1	25°16	20°56	7°27	14°49	13°22	28°R14	28°52	26°38	5°18
M 8	3 9 10	15°48'20"	29°48	19°39	15°27	22°46	25°11	20°55	7°27	14°51	13°21	28°14	28°49	26°45	5°18
T 9	3 13 7	16°48'47"	14♂ 9	21°14	16°41	23°31	25° 7	20°54	7°27	14°53	13°19	28°13	28°46	26°52	5°17
W10	3 17 3	17°49'17"	28°43	22°48	17°55	24°15	25° 2	20°54	7°27	14°55	13°18	28°12	28°42	26°59	5°17
T 11	3 21 0	18°49'48"	13♁25	24°22	19° 9	25° 0	24°56	20°53	7°28	14°57	13°17	28°10	28°39	27° 5	5°16
F 12	3 24 56	19°50'21"	28°10	25°56	20°23	25°45	24°51	20°52	7°28	14°59	13°16	28° 9	28°36	27°12	5°16
S 13	3 28 53	20°50'56"	12♍50	27°29	21°37	26°30	24°45	20°50	7°R28	15° 1	13°15	28° 9	28°33	27°19	5°16
S 14	3 32 49	21°51'32"	27°18	29° 2	22°51	27°15	24°40	20°49	7°28	15° 3	13°14	28°D 9	28°30	27°25	5°16
M15	3 36 46	22°52'10"	11♁28	0♁35	24° 4	28° 1	24°34	20°48	7°28	15° 5	13°13	28° 9	28°27	27°32	5°16
T 16	3 40 42	23°52'50"	25°17	2° 8	25°18	28°46	24°28	20°46	7°27	15° 6	13°12	28° 9	28°23	27°39	5°D16
W17	3 44 39	24°53'30"	8♃42	3°41	26°32	29°31	24°22	20°45	7°27	15° 8	13°11	28° 9	28°20	27°46	5°16
T 18	3 48 36	25°54'12"	21°44	5°13	27°46	0♁16	24°15	20°43	7°27	15°10	13° 9	28°10	28°17	27°52	5°16
F 19	3 52 32	26°54'55"	4♁24	6°46	29° 0	1° 2	24° 9	20°41	7°27	15°12	13° 8	28°10	28°14	27°59	5°16
S 20	3 56 29	27°55'39"	16°45	8°18	0♃13	1°47	24° 2	20°39	7°26	15°14	13° 7	28°10	28°11	28° 6	5°16
S 21	4 0 25	28°56'24"	28°52	9°50	1°27	2°32	23°56	20°37	7°26	15°15	13° 6	28°10	28° 8	28°12	5°17
M22	4 4 22	29°57'10"	10♁49	11°22	2°41	3°18	23°49	20°35	7°25	15°17	13° 5	28°10	28° 4	28°19	5°17
T 23	4 8 18	0♁57'57"	22°42	12°53	3°54	4° 3	23°42	20°33	7°25	15°19	13° 4	28°10	28° 1	28°26	5°18
W24	4 12 15	1°58'45"	4♁33	14°25	5° 8	4°48	23°35	20°30	7°24	15°20	13° 3	28°11	27°58	28°32	5°18
T 25	4 16 11	2°59'35"	16°28	15°56	6°22	5°34	23°28	20°28	7°23	15°22	13° 2	28°11	27°55	28°39	5°19
F 26	4 20 8	4° 0'25"	28°31	17°27	7°35	6°19	23°20	20°25	7°23	15°24	13° 1	28°12	27°52	28°46	5°19
S 27	4 24 5	5° 1'16"	10♃44	18°58	8°49	7° 5	23°13	20°23	7°22	15°25	13° 0	28°12	27°48	28°53	5°20
S 28	4 28 1	6° 2'08"	23° 9	20°28	10° 2	7°51	23° 6	20°20	7°21	15°27	12°59	28°R13	27°45	28°59	5°20
M29	4 31 58	7° 3'01"	5♂49	21°58	11°16	8°36	22°58	20°17	7°20	15°29	12°58	28°13	27°42	29° 6	5°21
T 30	4 35 54	8♁ 3'56"	18♂43	23♁28	12♃29	9♁22	22♂50	20♁14	7♎19	15♁30	12♃57	28♍12	27♍39	29♁13	5♁22

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	14s27	19n37	0n 7	14s 9	0n14	22s26	0s57	24s 7	1s48	22n55	0s30	21n36	0s15	19n 3	0n37
T 2	14 46	20 53	1s 2	14 46	0 7	22 40	0 59	24 0	1 47	22 55	0 30	21 37	0 15	19 3	0 37
W 3	15 5	21 7	2 9	15 22	0 0	22 55	1 2	23 53	1 47	22 55	0 30	21 37	0 15	19 3	0 37
T 4	15 24	20 12	3 11	15 58	0s 6	23 8	1 4	23 46	1 46	22 55	0 30	21 37	0 15	19 3	0 37
F 5	15 42	18 12	4 4	16 33	0 13	23 21	1 7	23 39	1 45	22 54	0 30	21 37	0 14	19 3	0 37
S 6	16 1	15 9	4 44	17 7	0 20	23 33	1 9	23 31	1 44	22 54	0 30	21 37	0 14	19 3	0 37
S 7	16 19	11 14	5 9	17 40	0 26	23 44	1 12	23 23	1 44	22 54	0 30	21 37	0 14	19 2	0 37
M 8	16 36	6 37	5 17	18 13	0 33	23 55	1 14	23 15	1 43	22 54	0 30	21 37	0 14	19 2	0 37
T 9	16 54	1 34	5 5	18 44	0 39	24 5	1 17	23 7	1 42	22 54	0 30	21 37	0 14	19 2	0 37
W10	17 11	3s40	4 33	19 15	0 46	24 15	1 19	22 58	1 41	22 54	0 30	21 38	0 14	19 2	0 37
T 11	17 27	8 44	3 43	19 44	0 52	24 23	1 21	22 49	1 40	22 54	0 30	21 38	0 14	19 2	0 37
F 12	17 44	13 19	2 39	20 13	0 58	24 31	1 23	22 40	1 40	22 54	0 30	21 38	0 14	19 2	0 37
S 13	18 0	17 3	1 24	20 41	1 4	24 39	1 25	22 31	1 39	22 54	0 29	21 38	0 14	19 2	0 37
S 14	18 16	19 40	0 5	21 7	1 10	24 45	1 28	22 21	1 38	22 53	0 29	21 39	0 14	19 3	0 37
M15	18 32	21 0	1n13	21 33	1 16	24 51	1 30	22 11	1 37	22 53	0 29	21 39	0 14	19 3	0 37
T 16	18 47	20 59	2 25	21 57	1 21	24 56	1 32	22 1	1 36	22 53	0 29	21 39	0 14	19 3	0 37
W17	19 2	19 46	3 27	22 21	1 27	25 0	1 34	21 51	1 36	22 53	0 29	21 40	0 14	19 3	0 37
T 18	19 16	17 31	4 16	22 43	1 32	25 4	1 36	21 41	1 35	22 53	0 29	21 40	0 13	19 3	0 37
F 19	19 30	14 29	4 51	23 5	1 37	25 6	1 37	21 30	1 34	22 53	0 29	21 40	0 13	19 3	0 37
S 20	19 44	10 54	5 11	23 25	1 42	25 8	1 39	21 19	1 33	22 52	0 29	21 41	0 13	19 3	0 37
S 21	19 58	6 56	5 17	23 43	1 47	25 10	1 41	21 8	1 32	22 52	0 29	21 41	0 13	19 3	0 38
M22	20 11	2 45	5 10	24 1	1 51	25 10	1 43	20 56	1 31	22 52	0 29	21 41	0 13	19 3	0 38
T 23	20 24	1n31	4 49	24 18	1 55	25 10	1 44	20 45	1 31	22 52	0 29	21 42	0 13	19 4	0 38
W24	20 36	5 43	4 16	24 33	1 59	25 9	1 46	20 33	1 30	22 51	0 28	21 42	0 13	19 4	0 38
T 25	20 48	9 44	3 32	24 47	2 3	25 7	1 47	20 21	1 29	22 51	0 28	21 43	0 13	19 4	0 38
F 26	20 59	13 25	2 37	24 59	2 6	25 5	1 49	20 9	1 28	22 51	0 28	21 43	0 13	19 4	0 38
S 27	21 11	16 35	1 36	25 10	2 9	25 1	1 50	19 57	1 27	22 51	0 28	21 44	0 13	19 4	0 38
S 28	21 21	19 3	0 28	25 20	2 12	24 57	1 51	19 44	1 26	22 50	0 28	21 44	0 13	19 5	0 38
M29	21 32	20 38	0s42	25 28	2 14	24 53	1 52	19 31	1 25	22 50	0 28	21 45	0 13	19 5	0 38
T 30	21s42	21n10	1s51	25s35	2s16	24s47	1s54	19s18	1s25	22n50	0s28	21n45	0s12	19n 5	0n38

Julian Day Number = 2313422.5, Delta T = 113.66 sec  
 Ecliptic obliquity = 23°29'14", Nutation = 0°00'13"  
 Ayanamsha: Fagan/Bradley = 19°27'44", Lahiri = 18°34'44"Greg. Calendar

SWISS EPHEMERIS for the year 1621

DECEMBER 1621 GC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
W 1	4 39 51	9♁ 4'51	1♁52	24♁57	13♁43	10♁ 7	22°R43	20°R11	7°R18	15♁32	12°R56	28°R11	27♁36	29♁19	5♁23
T 2	4 43 47	10° 5'47	15°15	26°25	14°56	10°53	22II35	20♁ 8	7♁17	15°33	12♁55	28♁ 9	27°33	29°26	5°24
F 3	4 47 44	11° 6'45	28°50	27°53	16° 9	11°39	22°27	20° 5	7°16	15°35	12°54	28° 8	27°29	29°33	5°25
S 4	4 51 40	12° 7'44	12♁36	29°21	17°23	12°24	22°19	20° 2	7°15	15°36	12°53	28° 6	27°26	29°40	5°26
S 5	4 55 37	13° 8'44	26°32	0♁47	18°36	13°10	22°11	19°58	7°14	15°37	12°52	28° 5	27°23	29°46	5°27
M 6	4 59 34	14° 9'45	10♁35	2°12	19°49	13°56	22° 3	19°55	7°13	15°39	12°51	28°D 4	27°20	29°53	5°28
T 7	5 3 30	15°10'47	24°45	3°36	21° 3	14°41	21°55	19°51	7°12	15°40	12°50	28° 4	27°17	29°59	5°30
W 8	5 7 27	16°11'50	8♁59	4°59	22°16	15°27	21°47	19°48	7°10	15°41	12°49	28° 5	27°14	0♁ 6	5°31
T 9	5 11 23	17°12'54	23°15	6°19	23°29	16°13	21°39	19°44	7° 9	15°43	12°48	28° 6	27°10	0°13	5°32
F 10	5 15 20	18°13'59	7♁31	7°38	24°42	16°59	21°31	19°40	7° 7	15°44	12°47	28° 8	27° 7	0°20	5°34
S 11	5 19 16	19°15'06	21°41	8°54	25°55	17°44	21°23	19°36	7° 6	15°45	12°46	28°R 9	27° 4	0°26	5°35
S 12	5 23 13	20°16'13	5♁44	10° 8	27° 8	18°30	21°14	19°32	7° 5	15°46	12°46	28° 9	27° 1	0°33	5°37
M13	5 27 10	21°17'20	19♁36	11°18	28°21	19°16	21° 6	19°28	7° 3	15°48	12°45	28° 7	26°58	0°40	5°38
T 14	5 31 6	22°18'29	3♁12	12°24	29°34	20° 2	20°58	19°24	7° 1	15°49	12°44	28° 5	26°54	0°47	5°40
W15	5 35 3	23°19'38	16°30	13°26	0♁47	20°48	20°50	19°20	7° 0	15°50	12°43	28° 1	26°51	0°53	5°41
T 16	5 38 59	24°20'47	29°29	14°23	2° 0	21°33	20°42	19°16	6°58	15°51	12°42	27°57	26°48	1° 0	5°43
F 17	5 42 56	25°21'56	12♁ 9	15°14	3°12	22°19	20°34	19°12	6°56	15°52	12°41	27°52	26°45	1° 7	5°45
S 18	5 46 52	26°23'06	24°33	15°59	4°25	23° 5	20°26	19° 7	6°55	15°53	12°41	27°48	26°42	1°13	5°47
S 19	5 50 49	27°24'15	6♁41	16°36	5°38	23°51	20°18	19° 3	6°53	15°54	12°40	27°45	26°39	1°20	5°49
M20	5 54 45	28°25'25	18°40	17° 4	6°50	24°37	20°10	18°59	6°51	15°55	12°39	27°43	26°35	1°27	5°51
T 21	5 58 42	29°26'35	0♁32	17°23	8° 3	25°23	20° 2	18°54	6°49	15°56	12°38	27°D42	26°32	1°33	5°53
W22	6 2 39	0♁27'45	12°22	17°R32	9°15	26° 8	19°54	18°50	6°47	15°57	12°38	27°43	26°29	1°40	5°55
T 23	6 6 35	1°28'54	24°17	17°30	10°28	26°54	19°46	18°45	6°45	15°58	12°37	27°45	26°26	1°47	5°57
F 24	6 10 32	2°30'04	6♁21	17°17	11°40	27°40	19°38	18°40	6°43	15°59	12°36	27°46	26°23	1°53	5°59
S 25	6 14 28	3°31'14	18°38	16°51	12°52	28°26	19°30	18°36	6°41	15°59	12°36	27°48	26°20	2° 0	6° 1
S 26	6 18 25	4°32'23	1II11	16°14	14° 5	29°12	19°23	18°31	6°39	16° 0	12°35	27°R48	26°16	2° 7	6° 3
M27	6 22 21	5°33'33	14° 4	15°25	15°17	29°57	19°15	18°26	6°37	16° 1	12°34	27°47	26°13	2°14	6° 6
T 28	6 26 18	6°34'42	27°18	14°27	16°29	0♁43	19° 8	18°21	6°35	16° 2	12°34	27°44	26°10	2°20	6° 8
W29	6 30 14	7°35'52	10♁52	13°19	17°41	1°29	19° 0	18°17	6°33	16° 2	12°33	27°39	26° 7	2°27	6°10
T 30	6 34 11	8°37'01	24°42	12° 5	18°53	2°15	18°53	18°12	6°30	16° 3	12°33	27°32	26° 4	2°34	6°13
F 31	6 38 8	9♁38'11	8♁47	10♁46	20♁ 4	3♁ 1	18II46	18♁ 7	6♁28	16♁ 3	12♁32	27II25	26II 0	2♁40	6♁15

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
W 1	21s51	20n33	2s56	25s41	2s18	24s41	1s55	19s 5	1s24	22n49	0s28	21n46	0s12	19n 6	0n38	4s38	1n37	0n57	15s30	19s48	19s40	3n45	4s45	5n 9
T 2	22 0 18 46	3 52 25 45	2 19 24 34	1 56 18 52	1 23 22 49	0 28 21 46	0 12 19 6	0 38 4 38	1 37 0 57	15 30 19 47	19 39 3 47	4 45 5 9												
F 3	22 9 15 56	4 36 25 48	2 20 24 26	1 57 18 38	1 22 22 49	0 27 21 47	0 12 19 6	0 38 4 39	1 37 0 57	15 29 19 47	19 38 3 49	4 45 5 9												
S 4	22 17 12 11	5 5 25 49	2 20 24 18	1 57 18 25	1 21 22 48	0 27 21 47	0 12 19 6	0 38 4 39	1 38 0 57	15 29 19 47	19 38 3 52	4 45 5 8												
S 5	22 25 7 44	5 16 25 48	2 19 24 9	1 58 18 11	1 20 22 48	0 27 21 48	0 12 19 7	0 38 4 40	1 38 0 56	15 29 19 46	19 37 3 54	4 45 5 8												
M 6	22 33 2 51	5 9 25 47	2 18 23 59	1 59 17 57	1 19 22 48	0 27 21 49	0 12 19 7	0 38 4 40	1 38 0 56	15 29 19 46	19 36 3 56	4 45 5 8												
T 7	22 40 2s14	4 43 25 43	2 17 23 48	1 59 17 43	1 18 22 47	0 27 21 49	0 12 19 7	0 38 4 41	1 38 0 56	15 29 19 46	19 35 3 58	4 45 5 7												
W 8	22 46 7 14	3 59 25 38	2 15 23 37	2 0 17 28	1 18 22 47	0 27 21 50	0 12 19 8	0 38 4 41	1 38 0 56	15 28 19 46	19 35 4 0	4 45 5 7												
T 9	22 52 11 51	3 1 25 32	2 12 23 25	2 0 17 14	1 17 22 47	0 27 21 50	0 12 19 8	0 38 4 42	1 38 0 56	15 28 19 47	19 34 4 3	4 45 5 7												
F 10	22 58 15 48	1 51 25 24	2 8 23 12	2 1 16 59	1 16 22 46	0 27 21 51	0 11 19 9	0 38 4 42	1 38 0 56	15 28 19 47	19 33 4 5	4 44 5 6												
S 11	23 3 18 48	0 36 25 15	2 4 22 59	2 1 16 44	1 15 22 46	0 26 21 52	0 11 19 9	0 38 4 42	1 38 0 56	15 28 19 47	19 33 4 7	4 44 5 6												
S 12	23 8 20 37	0n42	25 4	1 59 22 45	2 1 16 29	1 14 22 46	0 26 21 52	0 11 19 9	0 38 4 43	1 38 0 56	15 28 19 47	19 32 4 9	4 44 5 6											
M13	23 12 21 10	1 55 24 52	1 53 22 30	2 1 16 14	1 13 22 45	0 26 21 53	0 11 19 10	0 38 4 43	1 38 0 56	15 27 19 47	19 31 4 12	4 44 5 5												
T 14	23 16 20 26	3 1 24 39	1 45 22 15	2 1 15 59	1 12 22 45	0 26 21 54	0 11 19 10	0 38 4 44	1 38 0 56	15 27 19 46	19 30 4 14	4 43 5 5												
W15	23 19 18 35	3 55 24 25	1 37 21 59	2 1 15 43	1 11 22 44	0 26 21 54	0 11 19 11	0 38 4 44	1 38 0 56	15 27 19 45	19 30 4 16	4 43 5 5												
T 16	23 22 15 48	4 36 24 10	1 28 21 43	2 1 15 27	1 10 22 44	0 26 21 55	0 11 19 11	0 38 4 44	1 38 0 56	15 27 19 44	19 29 4 18	4 43 5 4												
F 17	23 24 12 21	5 2 23 54	1 18 21 26	2 0 15 12	1 10 22 43	0 26 21 56	0 11 19 12	0 38 4 45	1 38 0 56	15 26 19 43	19 28 4 20	4 42 5 4												
S 18	23 26 8 27	5 13 23 37	1 6 21 8	2 0 14 56	1 9 22 43	0 25 21 57	0 11 19 12	0 38 4 45	1 38 0 56	15 26 19 43	19 27 4 23	4 42 5 4												
S 19	23 28 4 17	5 9 23 20	0 53 20 50	1 59 14 40	1 8 22 43	0 25 21 57	0 11 19 13	0 39 4 45	1 38 0 56	15 26 19 42	19 27 4 25	4 42 5 3												
M20	23 29 0 0	4 53 23 3	0 39 20 31	1 59 14 24	1 7 22 42	0 25 21 58	0 11 19 13	0 39 4 46	1 38 0 56	15 26 19 41	19 26 4 27	4 41 5 3												
T 21	23 29 4n14	4 23 22 45	0 24 20 11	1 58 14 7	1 6 22 42	0 25 21 59	0 10 19 14	0 39 4 46	1 38 0 56	15 25 19 41	19 25 4 29	4 41 5 3												
W22	23 29 8 19	3 43 22 28	0 8 19 51	1 57 13 51	1 5 22 41	0 25 21 59	0 10 19 14	0 39 4 46	1 39 0 56	15 25 19 41	19 24 4 31	4 40 5 2												
T 23	23 29 12 7	2 53 22 11	0n10	19 31	1 56 13 34	1 4 22 41	0 25 22 0	0 10 19 15	0 39 4 47	1 39 0 56	15 25 19 42	19 24 4 34	4 40 5 2											
F 24	23 28 15 28	1 55 21 54	0 28 19 10	1 55 13 18	1 3 22 40	0 24 22 1	0 10 19 15	0 39 4 47	1 39 0 56	15 25 19 42	19 23 4 36	4 40 5 2												
S 25	23 26 18 12	0 50 21 39	0 47 18 48	1 54 13 1	1 2 22 40	0 24 22 2	0 10 19 16	0 39 4 47	1 39 0 56	15 24 19 42	19 22 4 38	4 39 5 1												
S 26	23 25 20 8	0s18	21 24	1 7 18 26	1 53 12 44	1 1 22 40	0 24 22 2	0 10 19 16	0 39 4 47	1 39 0 56	15 24 19 43	19 21 4 40	4 38 5 1											
M27	23 22 21 5	1 27 21 10	1 26 18 4	1 52 12 27	1 0 22 39	0 24 22 3	0 10 19 17	0 39 4 48	1 39 0 57	15 24 19 42	19 21 4 42	4 38 5 1												
T 28	23 19 20 54	2 33 20 57	1 46 17 41	1 50 12 10	1 0 22 39	0 24 22 4	0 10 19 17	0 39 4 48	1 39 0 57	15 24 19 42	19 20 4 45	4 37 5 0												
W29	23 16 19 31	3 32 20 46	2 4 1																					