

SWISS EPHEMERIS for the year 1757

JANUARY 1757

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	6 43 14	10♁52'54	21♁59	7♁43	2♁32	6♁31	13♁ 9	9♁10	15♁56	12♁R35	19♁ 9	23♁R29	24♁Ω53	5♁Ω57	18♁ 6
S 2	6 47 10	11°54'04	4♁ 0	9°19	3°45	7°17	13°18	9°17	15°58	12♁Ω34	19°11	23♁Ω22	24°50	6° 4	18°11
M 3	6 51 7	12°55'13	15°55	10°56	4°58	8° 3	13°28	9°24	16° 0	12°32	19°13	23°13	24°47	6°11	18°17
T 4	6 55 3	13°56'21	27°47	12°33	6°11	8°48	13°37	9°30	16° 2	12°31	19°15	23° 5	24°44	6°17	18°22
W 5	6 59 0	14°57'30	9♁38	14°10	7°24	9°34	13°46	9°37	16° 4	12°30	19°17	22°58	24°40	6°24	18°28
T 6	7 2 56	15°58'38	21°28	15°48	8°37	10°20	13°55	9°44	16° 6	12°28	19°19	22°53	24°37	6°31	18°34
F 7	7 6 53	16°59'46	3♁21	17°26	9°50	11° 6	14° 5	9°51	16° 8	12°27	19°21	22°49	24°34	6°37	18°39
S 8	7 10 50	18° 0'53	15°18	19° 5	11° 3	11°52	14°13	9°58	16°10	12°25	19°24	22°47	24°31	6°44	18°45
S 9	7 14 46	19° 2'01	27°21	20°44	12°16	12°38	14°22	10° 4	16°12	12°24	19°26	22°D47	24°28	6°51	18°50
M10	7 18 43	20° 3'08	9♁32	22°24	13°29	13°24	14°31	10°11	16°14	12°22	19°28	22°48	24°25	6°57	18°56
T 11	7 22 39	21° 4'15	21°57	24° 4	14°42	14°10	14°39	10°18	16°17	12°21	19°30	22°49	24°21	7° 4	19° 1
W12	7 26 36	22° 5'21	4♁37	25°45	15°55	14°56	14°48	10°25	16°19	12°19	19°32	22°51	24°18	7°11	19° 7
T 13	7 30 32	23° 6'28	17°37	27°26	17° 8	15°43	14°56	10°32	16°21	12°17	19°34	22°R52	24°15	7°17	19°12
F 14	7 34 29	24° 7'34	0♁59	29° 7	18°22	16°29	15° 4	10°39	16°24	12°16	19°35	22°52	24°12	7°24	19°18
S 15	7 38 25	25° 8'40	14°48	0♁49	19°35	17°15	15°12	10°46	16°26	12°14	19°37	22°51	24° 9	7°31	19°24
S 16	7 42 22	26° 9'46	29° 2	2°32	20°49	18° 1	15°20	10°53	16°29	12°13	19°39	22°48	24° 6	7°37	19°29
M17	7 46 19	27°10'51	13♁40	4°14	22° 2	18°48	15°28	11° 0	16°31	12°11	19°41	22°45	24° 2	7°44	19°35
T 18	7 50 15	28°11'56	28°37	5°57	23°15	19°34	15°36	11° 7	16°34	12° 9	19°43	22°41	23°59	7°51	19°40
W19	7 54 12	29°13'01	13♁46	7°41	24°29	20°20	15°43	11°14	16°36	12° 8	19°45	22°38	23°56	7°58	19°46
T 20	7 58 8	0♁14'04	28°57	9°24	25°43	21° 7	15°51	11°21	16°39	12° 6	19°47	22°35	23°53	8° 4	19°51
F 21	8 2 5	1°15'07	14♁ 0	11° 8	26°56	21°53	15°58	11°28	16°41	12° 5	19°49	22°34	23°50	8°11	19°57
S 22	8 6 1	2°16'09	28°46	12°51	28°10	22°40	16° 5	11°36	16°44	12° 3	19°50	22°D34	23°46	8°18	20° 2
S 23	8 9 58	3°17'10	13♁ 9	14°35	29°23	23°26	16°12	11°43	16°47	12° 1	19°52	22°35	23°43	8°24	20° 8
M24	8 13 55	4°18'10	27° 5	16°18	0♁37	24°13	16°19	11°50	16°49	12° 0	19°54	22°36	23°40	8°31	20°13
T 25	8 17 51	5°19'08	10♁35	18° 0	1°51	24°59	16°26	11°57	16°52	11°58	19°56	22°38	23°37	8°38	20°18
W26	8 21 48	6°20'06	23°38	19°42	3° 4	25°46	16°32	12° 4	16°55	11°56	19°57	22°39	23°34	8°44	20°24
T 27	8 25 44	7°21'02	6♁19	21°23	4°18	26°33	16°39	12°11	16°58	11°54	19°59	22°R39	23°31	8°51	20°29
F 28	8 29 41	8°21'57	18°41	23° 3	5°32	27°19	16°45	12°19	17° 0	11°53	20° 1	22°39	23°27	8°58	20°35
S 29	8 33 37	9°22'50	0♁48	24°40	6°45	28° 6	16°51	12°26	17° 3	11°51	20° 2	22°38	23°24	9° 4	20°40
S 30	8 37 34	10°23'42	12°46	26°16	7°59	28°53	16°57	12°33	17° 6	11°49	20° 4	22°36	23°21	9°11	20°45
M31	8 41 30	11♁24'33	24♁37	27♁49	9♁13	29♁39	17♁ 3	12♁40	17♁ 9	11♁48	20♁ 6	22♁Ω35	23♁Ω18	9♁Ω18	20♁Ω50

Day	☉		☽		♀		♁		♂		♃		♅		♁		♁		♁		♁			
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat		
S 1	23s 1	13n18	5s 9	24s51	1s36	18s45	1n59	24s 6	0s47	14s46	1n 5	18s45	0s48	6s15	0s45	17n 8	0n 5	14s54	8n 9	13n43	13n15	19n27	15s52	6n26
S 2	22 56 16	0 5 4	24 48	1 40 19	0 1 57	24 4	0 48 14	49	1 5 18	43 0 48	6 14	0 45 17	8 0	5 14	54 8	9 13	45	13 16	19	28	15	51	6 26	
M 3	22 50 18	0 4 45	24 45	1 44 19	15 56	24 2	0 48 14	52	1 5 18	42 0 48	6 13	0 45 17	8 0	5 14	54 8	9 13	48	13 17	19	28	15	50	6 26	
T 4	22 44 19	12 4 15	24 40	1 48 19	30 53	23 59	0 49 14	54	1 6 18	40 0 48	6 13	0 45 17	9 0	5 14	54 8	9 13	50	13 18	19	28	15	50	6 26	
W 5	22 38 19	34 3 33	24 33	1 51 19	44 51	23 57	0 49 14	57	1 6 18	38 0 48	6 12	0 45 17	9 0	5 14	55 8	9 13	53	13 19	19	28	15	49	6 26	
T 6	22 31 19	5 2 42	24 25	1 54 19	58 49	23 54	0 50 14	59	1 6 18	36 0 48	6 11	0 45 17	10 0	5 14	55 8	9 13	54	13 20	19	29	15	48	6 26	
F 7	22 23 17	45 1 44	24 16	1 57 20	11 47	23 50	0 50 15	2	1 6 18	35 0 48	6 10	0 45 17	10 0	5 14	55 8	9 13	56	13 21	19	29	15	48	6 26	
S 8	22 15 15	37 0 41	24 4	1 59 20	24 45	23 47	0 51 15	5	1 6 18	33 0 48	6 9	0 45 17	11 0	5 14	55 8	9 13	56	13 22	19	29	15	47	6 26	
S 9	22 7 12	48 0n25	23 52	2 1 20	36 1 42	23 43	0 51 15	7	1 6 18	31 0 48	6 8	0 45 17	11 0	5 14	55 8	9 13	56	13 23	19	29	15	46	6 26	
M10	21 58 9	24 1 31	23 38	2 3 20	48 1 40	23 39	0 52 15	9	1 6 18	29 0 48	6 8	0 45 17	11 0	5 14	55 8	9 13	56	13 24	19	30	15	45	6 26	
T 11	21 49 5	33 2 33	23 22	2 4 20	59 1 37	23 34	0 52 15	12	1 6 18	27 0 48	6 7	0 45 17	12 0	5 14	55 8	9 13	55	13 25	19	30	15	44	6 26	
W12	21 39 1	22 3 29	23 4	2 5 21	9 1 35	23 30	0 52 15	14	1 7 18	25 0 48	6 6	0 45 17	12 0	5 14	55 8	9 13	55	13 26	19	30	15	44	6 26	
T 13	21 29 2s58	4 17	22 45	2 6 21	19 1 32	23 25	0 53 15	17	1 7 18	24 0 48	6 5	0 45 17	13 0	5 14	55 8	9 13	55	13 27	19	30	15	43	6 26	
F 14	21 19 7	16 4 52	22 25	2 6 21	28 1 30	23 20	0 53 15	19	1 7 18	22 0 48	6 4	0 45 17	13 0	5 14	56 8	9 13	55	13 28	19	31	15	42	6 26	
S 15	21 8 11	20 5 11	22 2	2 5 21	37 1 27	23 14	0 54 15	21	1 7 18	20 0 48	6 3	0 45 17	14 0	5 14	56 8	9 13	55	13 29	19	31	15	41	6 26	
S 16	20 57 14	53 5 12	21 38	2 4 21	45 1 25	23 9	0 54 15	23	1 7 18	18 0 48	6 2	0 45 17	14 0	5 14	56 8	10 13	56	13 30	19	31	15	40	6 27	
M17	20 45 17	37 4 54	21 13	2 3 21	52 1 22	23 3	0 54 15	25	1 7 18	16 0 49	6 1	0 45 17	15 0	5 14	56 8	10 13	57	13 31	19	31	15	40	6 27	
T 18	20 33 19	13 4 15	20 46	2 1 21	59 1 19	22 57	0 55 15	27	1 7 18	14 0 49	6 0	0 45 17	15 0	5 14	56 8	10 13	58	13 33	19	32	15	39	6 27	
W19	20 20 19	29 3 18	20 17	1 59 22	5 1 16	22 50	0 55 15	29	1 7 18	12 0 49	5 59	0 45 17	16 0	5 14	56 8	10 13	59	13 34	19	32	15	38	6 27	
T 20	20 8 18	20 2 7	19 47	1 56 22	11 1 13	22 43	0 56 15	31	1 8 18	10 0 49	5 58	0 45 17	16 0	5 14	56 8	10 14	0	13 35	19	32	15	37	6 27	
F 21	19 54 15	54 0 47	19 15	1 52 22	15 1 11	22 36	0 56 15	33	1 8 18	8 0 49	5 57	0 45 17	16 0	5 14	56 8	10 14	0	13 36	19	32	15	36	6 27	
S 22	19 41 12	27 0s34	18 42	1 48 22	20 1 8	22 29	0 56 15	35	1 8 18	7 0 49	5 56	0 45 17	17 0	5 14	56 8	10 14	0	13 37	19	33	15	35	6 27	
S 23	19 27 8	20 2 51	18 8	1 44 22	23 1 5	22 22	0 57 15	37	1 8 18	5 0 49	5 55	0 45 17	17 0	5 14	56 8	10 14	0	13 38	19	33	15	34	6 27	
M24	19 12 3	54 2 59	17 32	1 38 22	26 1 2																			

SWISS EPHEMERIS for the year 1757

FEBRUARY 1757

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♄	♃	♁	♂	♁	♁	♁	♁	♁
T 1	8 45 27	12 <sup>25</sup> 23	6 <sup>27</sup> 27	29 <sup>19</sup> 19	10 <sup>27</sup> 27	0 <sup>26</sup> 26	17 <sup>8</sup> 8	12 <sup>47</sup> 47	17 <sup>12</sup> 12	11 <sup>R46</sup> 46	20 <sup>7</sup> 7	22 <sup>R33</sup> 33	23 <sup>15</sup> 15	9 <sup>24</sup> 24	20 <sup>56</sup> 56
W 2	8 49 24	13 <sup>26</sup> 11	18 <sup>17</sup> 17	0 <sup>45</sup> 45	11 <sup>41</sup> 41	1 <sup>13</sup> 13	17 <sup>14</sup> 14	12 <sup>54</sup> 54	17 <sup>15</sup> 15	11 <sup>144</sup> 44	20 <sup>9</sup> 9	22 <sup>12</sup> 32	23 <sup>12</sup> 12	9 <sup>31</sup> 31	21 <sup>1</sup> 1
T 3	8 53 20	14 <sup>26</sup> 57	0 <sup>11</sup> 11	2 <sup>7</sup> 7	12 <sup>54</sup> 54	1 <sup>59</sup> 59	17 <sup>19</sup> 19	13 <sup>2</sup> 2	17 <sup>18</sup> 18	11 <sup>43</sup> 43	20 <sup>10</sup> 10	22 <sup>31</sup> 31	23 <sup>8</sup> 8	9 <sup>38</sup> 38	21 <sup>6</sup> 6
F 4	8 57 17	15 <sup>27</sup> 43	12 <sup>10</sup> 10	3 <sup>24</sup> 24	14 <sup>8</sup> 8	2 <sup>46</sup> 46	17 <sup>24</sup> 24	13 <sup>9</sup> 9	17 <sup>21</sup> 21	11 <sup>41</sup> 41	20 <sup>12</sup> 12	22 <sup>30</sup> 30	23 <sup>5</sup> 5	9 <sup>44</sup> 44	21 <sup>11</sup> 11
S 5	9 1 13	16 <sup>28</sup> 27	24 <sup>17</sup> 17	4 <sup>35</sup> 35	15 <sup>22</sup> 22	3 <sup>33</sup> 33	17 <sup>29</sup> 29	13 <sup>16</sup> 16	17 <sup>24</sup> 24	11 <sup>39</sup> 39	20 <sup>13</sup> 13	22 <sup>D30</sup> 30	23 <sup>2</sup> 2	9 <sup>51</sup> 51	21 <sup>17</sup> 17
S 6	9 5 10	17 <sup>29</sup> 10	6 <sup>33</sup> 33	5 <sup>40</sup> 40	16 <sup>36</sup> 36	4 <sup>20</sup> 20	17 <sup>34</sup> 34	13 <sup>23</sup> 23	17 <sup>27</sup> 27	11 <sup>38</sup> 38	20 <sup>15</sup> 15	22 <sup>30</sup> 30	22 <sup>59</sup> 59	9 <sup>58</sup> 58	21 <sup>22</sup> 22
M 7	9 9 6	18 <sup>29</sup> 51	19 <sup>0</sup> 0	6 <sup>37</sup> 37	17 <sup>50</sup> 50	5 <sup>7</sup> 7	17 <sup>38</sup> 38	13 <sup>30</sup> 30	17 <sup>30</sup> 30	11 <sup>36</sup> 36	20 <sup>16</sup> 16	22 <sup>30</sup> 30	22 <sup>56</sup> 56	10 <sup>5</sup> 5	21 <sup>27</sup> 27
T 8	9 13 3	19 <sup>30</sup> 32	1 <sup>32</sup> 32	7 <sup>27</sup> 27	19 <sup>4</sup> 4	5 <sup>54</sup> 54	17 <sup>43</sup> 43	13 <sup>38</sup> 38	17 <sup>33</sup> 33	11 <sup>34</sup> 34	20 <sup>18</sup> 18	22 <sup>31</sup> 31	22 <sup>52</sup> 52	10 <sup>11</sup> 11	21 <sup>32</sup> 32
W 9	9 16 59	20 <sup>31</sup> 11	14 <sup>32</sup> 32	8 <sup>7</sup> 7	20 <sup>18</sup> 18	6 <sup>40</sup> 40	17 <sup>47</sup> 47	13 <sup>45</sup> 45	17 <sup>37</sup> 37	11 <sup>33</sup> 33	20 <sup>19</sup> 19	22 <sup>31</sup> 31	22 <sup>49</sup> 49	10 <sup>18</sup> 18	21 <sup>37</sup> 37
T 10	9 20 56	21 <sup>31</sup> 49	27 <sup>40</sup> 40	8 <sup>39</sup> 39	21 <sup>32</sup> 32	7 <sup>27</sup> 27	17 <sup>51</sup> 51	13 <sup>52</sup> 52	17 <sup>40</sup> 40	11 <sup>31</sup> 31	20 <sup>20</sup> 20	22 <sup>31</sup> 31	22 <sup>46</sup> 46	10 <sup>25</sup> 25	21 <sup>42</sup> 42
F 11	9 24 52	22 <sup>32</sup> 25	11 <sup>11</sup> 11	9 <sup>0</sup> 0	22 <sup>46</sup> 46	8 <sup>14</sup> 14	17 <sup>55</sup> 55	13 <sup>59</sup> 59	17 <sup>43</sup> 43	11 <sup>29</sup> 29	20 <sup>22</sup> 22	22 <sup>R31</sup> 31	22 <sup>43</sup> 43	10 <sup>31</sup> 31	21 <sup>47</sup> 47
S 12	9 28 49	23 <sup>33</sup> 01	24 <sup>48</sup> 48	9 <sup>12</sup> 12	24 <sup>0</sup> 0	9 <sup>1</sup> 1	17 <sup>59</sup> 59	14 <sup>6</sup> 6	17 <sup>46</sup> 46	11 <sup>28</sup> 28	20 <sup>23</sup> 23	22 <sup>D31</sup> 31	22 <sup>40</sup> 40	10 <sup>38</sup> 38	21 <sup>52</sup> 52
S 13	9 32 46	24 <sup>33</sup> 36	8 <sup>47</sup> 47	9 <sup>R13</sup> 13	25 <sup>14</sup> 14	9 <sup>48</sup> 48	18 <sup>3</sup> 3	14 <sup>13</sup> 13	17 <sup>49</sup> 49	11 <sup>26</sup> 26	20 <sup>24</sup> 24	22 <sup>31</sup> 31	22 <sup>37</sup> 37	10 <sup>45</sup> 45	21 <sup>57</sup> 57
M14	9 36 42	25 <sup>34</sup> 09	23 <sup>8</sup> 8	9 <sup>3</sup> 3	26 <sup>28</sup> 28	10 <sup>35</sup> 35	18 <sup>6</sup> 6	14 <sup>20</sup> 20	17 <sup>52</sup> 52	11 <sup>24</sup> 24	20 <sup>25</sup> 25	22 <sup>32</sup> 32	22 <sup>33</sup> 33	10 <sup>51</sup> 51	22 <sup>2</sup> 2
T 15	9 40 39	26 <sup>34</sup> 41	7 <sup>34</sup> 34	8 <sup>44</sup> 44	27 <sup>42</sup> 42	11 <sup>22</sup> 22	18 <sup>10</sup> 10	14 <sup>27</sup> 27	17 <sup>56</sup> 56	11 <sup>23</sup> 23	20 <sup>26</sup> 26	22 <sup>32</sup> 32	22 <sup>30</sup> 30	10 <sup>58</sup> 58	22 <sup>6</sup> 6
W16	9 44 35	27 <sup>35</sup> 12	22 <sup>26</sup> 26	8 <sup>14</sup> 14	28 <sup>56</sup> 56	12 <sup>9</sup> 9	18 <sup>13</sup> 13	14 <sup>34</sup> 34	17 <sup>59</sup> 59	11 <sup>21</sup> 21	20 <sup>28</sup> 28	22 <sup>32</sup> 32	22 <sup>27</sup> 27	11 <sup>5</sup> 5	22 <sup>11</sup> 11
T 17	9 48 32	28 <sup>35</sup> 41	7 <sup>34</sup> 34	7 <sup>36</sup> 36	0 <sup>10</sup> 10	12 <sup>56</sup> 56	18 <sup>16</sup> 16	14 <sup>42</sup> 42	18 <sup>2</sup> 2	11 <sup>20</sup> 20	20 <sup>29</sup> 29	22 <sup>33</sup> 33	22 <sup>24</sup> 24	11 <sup>11</sup> 11	22 <sup>16</sup> 16
F 18	9 52 28	29 <sup>36</sup> 09	2 <sup>20</sup> 20	6 <sup>50</sup> 50	1 <sup>24</sup> 24	13 <sup>43</sup> 43	18 <sup>18</sup> 18	14 <sup>49</sup> 49	18 <sup>6</sup> 6	11 <sup>18</sup> 18	20 <sup>30</sup> 30	22 <sup>R33</sup> 33	22 <sup>21</sup> 21	11 <sup>18</sup> 18	22 <sup>21</sup> 21
S 19	9 56 25	0 <sup>36</sup> 35	6 <sup>37</sup> 37	5 <sup>57</sup> 57	2 <sup>38</sup> 38	14 <sup>30</sup> 30	18 <sup>21</sup> 21	14 <sup>56</sup> 56	18 <sup>9</sup> 9	11 <sup>16</sup> 16	20 <sup>31</sup> 31	22 <sup>33</sup> 33	22 <sup>17</sup> 17	11 <sup>25</sup> 25	22 <sup>25</sup> 25
S 20	10 0 21	1 <sup>36</sup> 59	20 <sup>57</sup> 57	4 <sup>59</sup> 59	3 <sup>52</sup> 52	15 <sup>17</sup> 17	18 <sup>23</sup> 23	15 <sup>3</sup> 3	18 <sup>12</sup> 12	11 <sup>15</sup> 15	20 <sup>32</sup> 32	22 <sup>32</sup> 32	22 <sup>14</sup> 14	11 <sup>31</sup> 31	22 <sup>30</sup> 30
M21	10 4 18	2 <sup>37</sup> 22	4 <sup>56</sup> 56	3 <sup>57</sup> 57	5 <sup>6</sup> 6	16 <sup>4</sup> 4	18 <sup>25</sup> 25	15 <sup>10</sup> 10	18 <sup>16</sup> 16	11 <sup>13</sup> 13	20 <sup>33</sup> 33	22 <sup>31</sup> 31	22 <sup>11</sup> 11	11 <sup>38</sup> 38	22 <sup>35</sup> 35
T 22	10 8 15	3 <sup>37</sup> 42	18 <sup>30</sup> 30	2 <sup>53</sup> 53	6 <sup>20</sup> 20	16 <sup>52</sup> 52	18 <sup>27</sup> 27	15 <sup>17</sup> 17	18 <sup>19</sup> 19	11 <sup>12</sup> 12	20 <sup>34</sup> 34	22 <sup>30</sup> 30	22 <sup>8</sup> 8	11 <sup>45</sup> 45	22 <sup>39</sup> 39
W23	10 12 11	4 <sup>38</sup> 01	1 <sup>34</sup> 34	1 <sup>48</sup> 48	7 <sup>34</sup> 34	17 <sup>39</sup> 39	18 <sup>29</sup> 29	15 <sup>24</sup> 24	18 <sup>22</sup> 22	11 <sup>10</sup> 10	20 <sup>35</sup> 35	22 <sup>28</sup> 28	22 <sup>5</sup> 5	11 <sup>51</sup> 51	22 <sup>44</sup> 44
T 24	10 16 8	5 <sup>38</sup> 18	14 <sup>28</sup> 28	0 <sup>44</sup> 44	8 <sup>48</sup> 48	18 <sup>26</sup> 26	18 <sup>31</sup> 31	15 <sup>30</sup> 30	18 <sup>26</sup> 26	11 <sup>9</sup> 9	20 <sup>36</sup> 36	22 <sup>27</sup> 27	22 <sup>2</sup> 2	11 <sup>58</sup> 58	22 <sup>48</sup> 48
F 25	10 20 4	6 <sup>38</sup> 32	26 <sup>54</sup> 54	29 <sup>43</sup> 43	10 <sup>2</sup> 2	19 <sup>13</sup> 13	18 <sup>32</sup> 32	15 <sup>37</sup> 37	18 <sup>29</sup> 29	11 <sup>7</sup> 7	20 <sup>37</sup> 37	22 <sup>26</sup> 26	21 <sup>58</sup> 58	12 <sup>5</sup> 5	22 <sup>53</sup> 53
S 26	10 24 1	7 <sup>38</sup> 45	9 <sup>11</sup> 11	28 <sup>45</sup> 45	11 <sup>16</sup> 16	20 <sup>0</sup> 0	18 <sup>34</sup> 34	15 <sup>44</sup> 44	18 <sup>32</sup> 32	11 <sup>6</sup> 6	20 <sup>38</sup> 38	22 <sup>D25</sup> 25	21 <sup>55</sup> 55	12 <sup>11</sup> 11	22 <sup>57</sup> 57
S 27	10 27 57	8 <sup>38</sup> 56	21 <sup>3</sup> 3	27 <sup>52</sup> 52	12 <sup>30</sup> 30	20 <sup>47</sup> 47	18 <sup>35</sup> 35	15 <sup>51</sup> 51	18 <sup>36</sup> 36	11 <sup>4</sup> 4	20 <sup>38</sup> 38	22 <sup>26</sup> 26	21 <sup>52</sup> 52	12 <sup>18</sup> 18	23 <sup>1</sup> 1
M28	10 31 54	9 <sup>39</sup> 04	2 <sup>54</sup> 54	27 <sup>44</sup> 44	13 <sup>44</sup> 44	21 <sup>34</sup> 34	18 <sup>36</sup> 36	15 <sup>58</sup> 58	18 <sup>39</sup> 39	11 <sup>3</sup> 3	20 <sup>39</sup> 39	22 <sup>17</sup> 17	21 <sup>49</sup> 49	12 <sup>25</sup> 25	23 <sup>6</sup> 6

Day	☉		☽		♀		♁		♂		♄		♃		♁		♁		♁		♁			
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat		
T 1	17s 6	19n30	3s49	12s10	0s28	22s26	0n38	21s 3	1s 0	15s52	1n 9	17s47	0s49	5s44	0s44	17n22	0n 5	14s56	8n11	14n 1	13n47	19n34	15s26	6n29
W 2	16 49	19 16	2 59	11 28	0 15	22 22	0 35	20 54	1 0	15 53	1 10	17 45	0 49	5 43	0 44	17 22	0 5	14 56	8 11	14 1	13 48	19 35	15 25	6 29
T 3	16 31	18 10	2 1	10 46	0 2	22 19	0 32	20 43	1 0	15 55	1 10	17 43	0 50	5 42	0 44	17 23	0 5	14 56	8 11	14 2	13 49	19 35	15 24	6 29
F 4	16 13	16 15	0 57	10 6	0n11	22 14	0 29	20 33	1 1	15 56	1 10	17 41	0 50	5 41	0 44	17 23	0 5	14 56	8 11	14 2	13 50	19 35	15 23	6 29
S 5	15 55	13 36	0n10	9 26	0 26	22 9	0 26	20 22	1 1	15 57	1 10	17 39	0 50	5 40	0 44	17 24	0 5	14 56	8 11	14 2	13 51	19 35	15 22	6 30
S 6	15 37	10 19	1 17	8 49	0 41	22 4	0 23	20 12	1 1	15 58	1 10	17 37	0 50	5 38	0 44	17 24	0 5	14 56	8 12	14 2	13 52	19 35	15 21	6 30
M 7	15 18	6 32	2 22	8 13	0 56	21 57	0 20	20 1	1 1	2 15 59	1 10	17 35	0 50	5 37	0 44	17 25	0 5	14 56	8 12	14 2	13 53	19 35	15 20	6 30
T 8	14 59	2 25	3 21	7 40	1 12	21 50	0 17	19 49	1 2	16 0	1 10	17 33	0 50	5 36	0 44	17 25	0 5	14 56	8 12	14 2	13 55	19 36	15 19	6 30
W 9	14 40	1s53	4 11	7 10	1 28	21 42	0 14	19 38	1 2	16 2	1 11	17 31	0 50	5 35	0 44	17 26	0 5	14 56	8 12	14 1	13 56	19 36	15 18	6 30
T 10	14 21	6 10	4 48	6 43	1 45	21 34	0 11	19 26	1 3	16 3	1 11	17 29	0 50	5 34	0 44	17 26	0 5	14 56	8 12	14 1	13 57	19 36	15 17	6 31
F 11	14 1	10 14	5 11	6 20	2 1	21 25	0 8	19 14	1 3	16 3	1 11	17 27	0 50	5 32	0 44	17 27	0 5	14 56	8 12	14 1	13 58	19 36	15 16	6 31
S 12	13 41	13 51	5 18	6 1	2 17	21 15	0 5	19 2	1 3	16 4	1 11	17 25	0 50	5 31	0 44	17 27	0 5	14 56	8 12	14 1	13 59	19 36	15 15	6 31
S 13	13 21	16 46	5 5	5 47	2 32	21 5	0 2	18 50	1 3	16 5	1 11	17 23	0 50	5 30	0 44	17 27	0 5	14 56	8 13	14 1	14 0	19 36	15 14	6 32
M14	13 1	18 44	4 34	5 37	2 46	20 54	0s 1	18 37	1 4	16 6	1 11	17 21	0 50	5 28	0 44	17 28	0 5	14 56	8 13	14 1	14 1	19 36	15 13	6 32
T 15	12 40	19 31	3 44	5 32	3 0	20 43	0 4	18 25	1 4	16 7	1 12	17 19	0 50	5 27	0 44	17 28	0 5	14 56	8 13	14 1	14 2	19 37	15 12	6 32
W16	12 20	18 58	2 40	5 32	3 12	20 31	0 7	18 12	1 4	16 7	1 12	17 17	0 51	5 26	0 44	17 29	0 5	14 56	8 13	14 1	14 3	19 37	15 11	6 32
T 17	11 59	17 8	1 24	5 36	3 22	20 18	0 10	17 59	1 4	16 8	1 12	17 15	0 51	5 25	0 44	17 29	0 5	14 56	8 13	14 1	14 4	19 37	15 10	6 33
F 18	11 38	14 9	0 3	5 45	3 31	20 4	0 12	17 45	1 5	16 9	1 12	17 13	0 51	5 23	0 44	17 30	0 5	14 56	8 13	14 1	14 5	19 37	15 9	6 33
S 19	11 16	10 18	1s17	5 58	3 37	19 51	0 15	17 32	1 5	16 9	1 12	17 11	0 51	5 22	0 44	17 30	0 5	14 55	8 13	14 1	14 6	19 37	15 8	6 33
S 20	10 55	5 55	2 31	6 15	3 42	19 36</																		

SWISS EPHEMERIS for the year 1757

MARCH 1757

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	10 35 50	10 <sup>h</sup> 39'11"	14 <sup>h</sup> 43'	26°R23	14 <sup>h</sup> 58'	22 <sup>h</sup> 21'	18 <sup>h</sup> 36'	16 <sup>h</sup> 55'	18 <sup>h</sup> 43'	11°R 1	20 <sup>h</sup> 40'	22 <sup>h</sup> 29'	21 <sup>h</sup> 46'	12 <sup>h</sup> 31'	23 <sup>h</sup> 10'
W 2	10 39 47	11°39'15"	26°34'	25 <sup>h</sup> 48'	16°13'	23° 8'	18°37'	16°11'	18°46'	11 <sup>h</sup> 0'	20°41'	22°30'	21°43'	12°38'	23°14'
T 3	10 43 44	12°39'18"	8 <sup>h</sup> 32'	25°20'	17°27'	23°55'	18°37'	16°18'	18°49'	10°59'	20°41'	22°31'	21°39'	12°45'	23°18'
F 4	10 47 40	13°39'18"	20°39'	24°58'	18°41'	24°43'	18°R37'	16°25'	18°53'	10°57'	20°42'	22°R32'	21°36'	12°51'	23°22'
S 5	10 51 37	14°39'16"	2 <sup>h</sup> 57'	24°44'	19°55'	25°30'	18°37'	16°31'	18°56'	10°56'	20°43'	22°32'	21°33'	12°58'	23°26'
S 6	10 55 33	15°39'12"	15°29'	24°36'	21° 9'	26°17'	18°37'	16°38'	19° 0'	10°54'	20°43'	22°30'	21°30'	13° 5'	23°30'
M 7	10 59 30	16°39'07"	28°16'	24°D34	22°23'	27° 4'	18°37'	16°45'	19° 3'	10°53'	20°44'	22°27'	21°27'	13°11'	23°34'
T 8	11 3 26	17°38'59"	11 <sup>h</sup> 12'	24°39'	23°37'	27°51'	18°36'	16°51'	19° 6'	10°52'	20°44'	22°24'	21°23'	13°18'	23°38'
W 9	11 7 23	18°38'50"	24°32'	24°50'	24°51'	28°38'	18°35'	16°58'	19°10'	10°51'	20°45'	22°20'	21°20'	13°25'	23°42'
T 10	11 11 19	19°38'38"	8 <sup>h</sup> 0'	25° 6'	26° 5'	29°25'	18°34'	17° 4'	19°13'	10°49'	20°45'	22°16'	21°17'	13°31'	23°45'
F 11	11 15 16	20°38'25"	21°40'	25°27'	27°19'	0 <sup>h</sup> 12'	18°33'	17°10'	19°17'	10°48'	20°46'	22°12'	21°14'	13°38'	23°49'
S 12	11 19 13	21°38'11"	5 <sup>h</sup> 31'	25°53'	28°33'	1° 0'	18°32'	17°17'	19°20'	10°47'	20°46'	22°10'	21°11'	13°45'	23°53'
S 13	11 23 9	22°37'55"	19°31'	26°24'	29°47'	1°47'	18°30'	17°23'	19°24'	10°46'	20°46'	22°D 9'	21° 8'	13°52'	23°56'
M14	11 27 6	23°37'37"	3 <sup>h</sup> 39'	27° 0'	1 <sup>h</sup> 2'	2°34'	18°28'	17°29'	19°27'	10°45'	20°47'	22° 9'	21° 4'	13°58'	24° 0'
T 15	11 31 2	24°37'17"	17°54'	27°39'	2°16'	3°21'	18°26'	17°36'	19°30'	10°43'	20°47'	22°10'	21° 1'	14° 5'	24° 3'
W16	11 34 59	25°36'56"	2 <sup>h</sup> 13'	28°23'	3°30'	4° 8'	18°24'	17°42'	19°34'	10°42'	20°47'	22°12'	20°58'	14°12'	24° 7'
T 17	11 38 55	26°36'33"	16°34'	29°10'	4°44'	4°55'	18°22'	17°48'	19°37'	10°41'	20°47'	22°R13'	20°55'	14°18'	24°10'
F 18	11 42 52	27°36'08"	0 <sup>h</sup> 52'	0 <sup>h</sup> 0'	5°58'	5°42'	18°20'	17°54'	19°41'	10°40'	20°48'	22°13'	20°52'	14°25'	24°13'
S 19	11 46 48	28°35'41"	15° 5'	0°54'	7°12'	6°29'	18°17'	18° 0'	19°44'	10°39'	20°48'	22°11'	20°49'	14°32'	24°16'
S 20	11 50 45	29°35'12"	29° 7'	1°50'	8°26'	7°16'	18°14'	18° 6'	19°48'	10°38'	20°48'	22° 7'	20°45'	14°38'	24°20'
M21	11 54 41	0 <sup>h</sup> 34'41"	12 <sup>h</sup> 54'	2°49'	9°40'	8° 3'	18°11'	18°12'	19°51'	10°37'	20°48'	22° 2'	20°42'	14°45'	24°23'
T 22	11 58 38	1°34'08"	26°22'	3°51'	10°54'	8°50'	18° 8'	18°18'	19°54'	10°36'	20°48'	21°55'	20°39'	14°52'	24°26'
W23	12 2 35	2°33'32"	9 <sup>h</sup> 33'	4°56'	12° 8'	9°37'	18° 5'	18°24'	19°58'	10°35'	20°R48'	21°48'	20°36'	14°58'	24°29'
T 24	12 6 31	3°32'55"	22°18'	6° 3'	13°22'	10°24'	18° 1'	18°30'	20° 1'	10°34'	20°48'	21°41'	20°33'	15° 5'	24°31'
F 25	12 10 28	4°32'15"	4 <sup>h</sup> 46'	7°12'	14°36'	11°11'	17°57'	18°35'	20° 4'	10°34'	20°48'	21°36'	20°29'	15°12'	24°34'
S 26	12 14 24	5°31'33"	16°58'	8°24'	15°50'	11°58'	17°54'	18°41'	20° 8'	10°33'	20°48'	21°32'	20°26'	15°18'	24°37'
S 27	12 18 21	6°30'49"	28°58'	9°37'	17° 4'	12°45'	17°50'	18°47'	20°11'	10°32'	20°48'	21°30'	20°23'	15°25'	24°40'
M28	12 22 17	7°30'03"	10 <sup>h</sup> 54'	10°53'	18°19'	13°32'	17°45'	18°52'	20°14'	10°31'	20°48'	21°D30'	20°20'	15°32'	24°42'
T 29	12 26 14	8°29'14"	22°39'	12°10'	19°33'	14°19'	17°41'	18°58'	20°18'	10°30'	20°48'	21°31'	20°17'	15°38'	24°45'
W30	12 30 10	9°28'22"	4 <sup>h</sup> 31'	13°30'	20°47'	15° 6'	17°36'	19° 3'	20°21'	10°30'	20°47'	21°32'	20°14'	15°45'	24°47'
T 31	12 34 7	10 <sup>h</sup> 27'29"	16 <sup>h</sup> 31'	14 <sup>h</sup> 51'	22 <sup>h</sup> 1'	15 <sup>h</sup> 53'	17 <sup>h</sup> 32'	19 <sup>h</sup> 9'	20 <sup>h</sup> 24'	10 <sup>h</sup> 29'	20 <sup>h</sup> 47'	21°R33'	20 <sup>h</sup> 10'	15 <sup>h</sup> 52'	24 <sup>h</sup> 50'

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	7s35	19n26	3s14	10s 4	2n51	17s 1	0s41	15s 8	1s 7	16s12	1n14	16s52	0s52	5s 9	0s44	17n34	0n 5	14s54	8n15	14n 2	14n16	19n38	14s57	6n37
W 2	7 12 18 36	2 19 10 27	2 38 16 41	0 44 14 52	1 7 16 12	1 14 16 50	0 52 5 7	0 44 17 35	0 5 14 54	8 15 14 2	14 17 19 38	14 56 6 37												
T 3	6 49 16 55	1 17 10 49	2 25 16 21	0 46 14 37	1 7 16 12	1 14 16 48	0 52 5 6	0 44 17 35	0 6 14 54	8 15 14 1	14 18 19 38	14 55 6 38												
F 4	6 26 14 28	0 10 11 10	2 11 16 0	0 48 14 21	1 7 16 12	1 14 16 46	0 52 5 5	0 44 17 36	0 6 14 54	8 16 14 1	14 19 38	14 54 6 38												
S 5	6 6 3 11 19	0n57	11 28	1 57 15 39	0 50 14 5	1 7 16 12	1 15 16 44	0 52 5 3	0 44 17 36	0 6 14 54	8 16 14 1	14 20 19 38	14 53 6 38											
S 6	5 40 7 37	2 3 11 44	1 42 15 18	0 53 13 50	1 7 16 11	1 15 16 42	0 52 5 2	0 44 17 36	0 6 14 54	8 16 14 2	14 21 19 38	14 52 6 39												
M 7	5 17 3 30	3 4 11 58	1 28 14 56	0 55 13 34	1 7 16 11	1 15 16 40	0 52 5 1	0 44 17 37	0 6 14 54	8 16 14 3	14 22 19 38	14 51 6 39												
T 8	4 53 0s50	3 57 12 9	1 14 14 33	0 57 13 17	1 7 16 11	1 15 16 38	0 53 4 59	0 44 17 37	0 6 14 54	8 16 14 4	14 23 19 38	14 50 6 40												
W 9	4 30 5 13	4 38 12 19	1 0 14 11	0 59 13 1	1 8 16 10	1 15 16 36	0 53 4 58	0 44 17 37	0 6 14 53	8 17 14 5	14 24 19 38	14 49 6 40												
T 10	4 6 9 24	5 4 12 26	0 47 13 47	1 1 12 45	1 8 16 10	1 15 16 35	0 53 4 57	0 44 17 38	0 6 14 53	8 17 14 7	14 25 19 38	14 48 6 41												
F 11	3 43 13 9	5 13 12 32	0 33 13 24	1 3 12 28	1 8 16 9	1 16 16 33	0 53 4 55	0 44 17 38	0 6 14 53	8 17 14 8	14 26 19 38	14 47 6 41												
S 12	3 19 16 15	5 5 12 35	0 20 13 0	1 4 12 11	1 8 16 9	1 16 16 31	0 53 4 54	0 44 17 38	0 6 14 53	8 17 14 8	14 27 19 39	14 46 6 41												
S 13	2 56 18 26	4 39 12 36	0 8 12 36	1 6 11 55	1 8 16 8	1 16 16 29	0 53 4 53	0 44 17 39	0 6 14 53	8 17 14 9	14 28 19 39	14 45 6 42												
M14	2 32 19 30	3 55 12 36	0s 4 12 11	1 8 11 38	1 8 16 8	1 16 16 27	0 53 4 51	0 44 17 39	0 6 14 53	8 17 14 9	14 29 19 39	14 44 6 42												
T 15	2 8 19 21	2 57 12 33	0 16 11 46	1 10 11 21	1 8 16 7	1 16 16 26	0 53 4 50	0 44 17 39	0 6 14 52	8 18 14 8	14 30 19 39	14 43 6 43												
W16	1 45 17 57	1 47 12 29	0 27 11 21	1 11 11 4	1 8 16 6	1 16 16 24	0 53 4 49	0 44 17 40	0 6 14 52	8 18 14 8	14 32 19 39	14 42 6 43												
T 17	1 21 15 24	0 31 12 22	0 38 10 55	1 13 10 46	1 8 16 6	1 16 16 22	0 54 4 47	0 44 17 40	0 6 14 52	8 18 14 7	14 33 19 39	14 41 6 44												
F 18	0 57 11 55	0s47	12 14	0 48 10 29	1 14 10 29	1 8 16 5	1 17 16 20	0 54 4 46	0 44 17 40	0 6 14 52	8 18 14 7	14 34 19 39	14 40 6 44											
S 19	0 34 7 45	2 2 12 5	0 58 10 3	1 16 10 12	1 8 16 4	1 17 16 18	0 54 4 45	0 44 17 41	0 6 14 52	8 18 14 8	14 35 19 39	14 39 6 45												
S 20	0 10 3 13	3 7 11 53	1 8 9 36	1 17 9 54	1 8 16 3	1 17 16 17	0 54 4 43	0 44 17 41	0 6 14 52	8 18 14 9	14 36 19 39	14 38 6 45												
M21	0n14	1n24	4 1 11 40	1 16 9 10	1 18 9 37	1 8 16 2	1 17 16 15	0 54 4 42	0 44 17 41	0 6 14 51	8 19 14 11	14 37 19 39	14 37 6 46											
T 22	0 37 5 50	4 40 11 25	1 25 8 43	1 20 9 19	1 8 16 1	1 17 16 13	0 54 4 41	0 44 17 41	0 6 14 51	8 19 14 13	14 38 19 39	14 36 6 46												
W23	1 1 9 53	5 3 11 9	1 33 8 16	1 21 9 1	1 8 16 0	1 17 16 12	0 54 4 39	0 44 17 42	0 6 14 51	8 19 14 15	14 39 19 39	14 35 6 47												
T 24	1 25 13 22	5 10 10 51	1 40 7 48	1 22 8 43	1 8 15 59	1 17 16 10	0 54 4 38	0 44 17 42	0 6 14 51	8 19 14 18	14 40 19 39	14 34 6 47												
F 25	1 48 16 10	5 2 10 32	1 47 7 21	1 23 8 26	1 8 15 58	1 17 16 8	0 55 4 37	0 44 17 42	0 6 14 51	8 19 14 19	14 41 19 39	14 33 6 48												
S 26	2 12 18 11	4 40 10 11	1 53 6 53	1 24 8 8	1 8 15 57	1 18 16 7	0 55 4 35	0 44 17 42	0 6 14 51	8 20 14 21	14 42 19 39	14 32 6 48												
S 27	2 35 19 22	4 6 9 48	1 59 6 25	1 25 7 50	1 8 15 55	1 18 16 5	0 55 4 34	0 44 17 43	0 6 14 50	8 20 14 21	14 43 19 39	14 31 6 49												
M28	2 59 19 40	3 22 9 25	2 4 5 57	1 26 7 32	1 8 15 54	1 18 16 3	0 55 4 33	0 44 17 43	0 6 14 50	8 20 14 21	14 44 19 38	14 30 6 49												
T 29	3 22 19 6	2 30 8 59	2 9 5 28	1 26 7 13	1 8 15 53	1 18 16 2	0 55 4 31	0 44 17 43	0 6 14 50	8 20 14 21	14 45 19 38	14 29 6 50												
W30	3 45 17 41	1 31 8 33	2 13 5 0	1 27 6 55	1 8 15 51	1 18 16 0	0 55 4 30	0 44 17 43	0 6 14 50	8 20 14 21	14 46 19 38	14 28 6 50												
T 31	4n 9	15n28	0s27	8s 5	2s17	4s31	1s28	6s37	1s 8	15s50	1n18	15s59	0s55	4s29	0s44	17n43	0n 6	14s50	8n20	14n20	14n47	19n38	14s27	6n51

Julian Day Number = 2362850.5, Delta T = 13.44 sec  
 Ecliptic obliquity = 23°28'08", Nutation = - 0°00'10"  
 Ayanamsha: Fagan/Bradley = 21°21'00", Lahiri = 20°28'00"Greg. Calendar

SWISS EPHEMERIS for the year 1757

APRIL 1757

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
F 1	12 38 4	11°Y26'33	28Ω43	16✠14	23✠15	16✠40	17°R27	19≈14	20✠28	10°R28	20°R47	21°R33	20Ω 7	15Ω58	24Ω52
S 2	12 42 0	12°25'35	11♏10	17°39	24°29	17°27	17♏22	19°19	20°31	10Ω28	20✠47	21Ω31	20° 4	16° 5	24°54
S 3	12 45 57	13°24'35	23°57	19° 5	25°43	18°13	17°17	19°24	20°34	10°27	20°46	21°27	20° 1	16°12	24°57
M 4	12 49 53	14°23'32	7♁ 2	20°33	26°57	19° 0	17°12	19°29	20°37	10°27	20°46	21°20	19°58	16°18	24°59
T 5	12 53 50	15°22'28	20°27	22° 3	28°10	19°47	17° 6	19°35	20°40	10°26	20°46	21°12	19°54	16°25	25° 1
W 6	12 57 46	16°21'21	4♏ 8	23°34	29°24	20°34	17° 1	19°40	20°44	10°26	20°45	21° 3	19°51	16°32	25° 3
T 7	13 1 43	17°20'13	18° 3	25° 7	0°Y38	21°21	16°55	19°44	20°47	10°25	20°45	20°54	19°48	16°38	25° 5
F 8	13 5 39	18°19'03	2♁ 8	26°42	1°52	22° 7	16°49	19°49	20°50	10°25	20°44	20°46	19°45	16°45	25° 6
S 9	13 9 36	19°17'51	16° 17	28°18	3° 6	22°54	16°43	19°54	20°53	10°24	20°44	20°39	19°42	16°52	25° 8
S 10	13 13 33	20°16'37	0♁29	29°56	4°20	23°41	16°37	19°59	20°56	10°24	20°43	20°35	19°39	16°58	25°10
M11	13 17 29	21°15'22	14°40	1°Y35	5°34	24°27	16°31	20° 3	20°59	10°24	20°43	20°34	19°35	17° 5	25°11
T 12	13 21 26	22°14'05	28°47	3°16	6°48	25°14	16°25	20° 8	21° 2	10°23	20°42	20°D34	19°32	17°12	25°13
W13	13 25 22	23°12'46	12≈11	4°58	8° 2	26° 1	16°18	20°13	21° 5	10°23	20°41	20°34	19°29	17°18	25°14
T 14	13 29 19	24°11'25	26°50	6°42	9°16	26°47	16°12	20°17	21° 8	10°23	20°41	20°R34	19°26	17°25	25°16
F 15	13 33 15	25°10'03	10✠43	8°28	10°30	27°34	16° 5	20°21	21°11	10°23	20°40	20°33	19°23	17°32	25°17
S 16	13 37 12	26° 8'39	24°29	10°16	11°44	28°20	15°59	20°26	21°14	10°22	20°39	20°28	19°20	17°38	25°18
S 17	13 41 8	27° 7'14	8°Y 6	12° 4	12°58	29° 7	15°52	20°30	21°17	10°22	20°38	20°22	19°16	17°45	25°19
M18	13 45 5	28° 5'46	21°31	13°55	14°12	29°53	15°45	20°34	21°20	10°22	20°38	20°12	19°13	17°52	25°21
T 19	13 49 2	29° 2'17	4♁43	15°47	15°26	0°Y40	15°38	20°38	21°23	10°22	20°37	20° 1	19°10	17°58	25°22
W20	13 52 58	0♁ 2'45	17°39	17°41	16°40	1°26	15°31	20°42	21°26	10°22	20°36	19°49	19° 7	18° 5	25°22
T 21	13 56 55	1° 1'12	0♁18	19°37	17°54	2°12	15°24	20°46	21°29	10°D22	20°35	19°37	19° 4	18°12	25°23
F 22	14 0 51	1°59'37	12°42	21°34	19° 7	2°59	15°16	20°50	21°32	10°22	20°34	19°27	19° 0	18°18	25°24
S 23	14 4 48	2°58'00	24°51	23°33	20°21	3°45	15° 9	20°53	21°34	10°22	20°33	19°19	18°57	18°25	25°25
S 24	14 8 44	3°56'21	6Ω50	25°33	21°35	4°31	15° 2	20°57	21°37	10°22	20°32	19°13	18°54	18°32	25°25
M25	14 12 41	4°54'39	18°41	27°35	22°49	5°17	14°54	21° 1	21°40	10°22	20°32	19°10	18°51	18°38	25°26
T 26	14 16 37	5°52'56	0Ω30	29°38	24° 3	6° 3	14°47	21° 4	21°43	10°22	20°31	19° 9	18°48	18°45	25°26
W27	14 20 34	6°51'11	12°21	1♁43	25°17	6°50	14°39	21° 7	21°45	10°23	20°30	19° 9	18°45	18°52	25°27
T 28	14 24 31	7°49'23	24°21	3°49	26°31	7°36	14°32	21°11	21°48	10°23	20°29	19° 9	18°41	18°58	25°27
F 29	14 28 27	8°47'34	6♏35	5°56	27°44	8°22	14°24	21°14	21°50	10°23	20°27	19° 8	18°38	19° 5	25°27
S 30	14 32 24	9♁45'42	19♏ 6	8♁ 4	28°Y58	9°Y 8	14♏17	21≈17	21✠53	10Ω23	20✠26	19Ω 5	18Ω35	19Ω12	25Ω27

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	4n32	12n32	0n39	7s36	2s21	4s 2	1s28	6s19	1s 8	15s49	1n18	15s57	0s56	4s28	0s44
S 2	4 55	8 59	1 44	7 5	2 24	3 33	1 29	6 0	1 8	15 47	1 18	15 56	0 56	4 26	0 44
S 3	5 18	4 56	2 45	6 34	2 26	3 4	1 29	5 42	1 7	15 46	1 18	15 54	0 56	4 25	0 44
M 4	5 41	0 34	3 39	6 1	2 28	2 35	1 30	5 23	1 7	15 44	1 18	15 53	0 56	4 24	0 44
T 5	6 4	3s56	4 23	5 27	2 29	2 6	1 30	5 5	1 7	15 42	1 19	15 51	0 56	4 22	0 44
W 6	6 26	8 20	4 52	4 51	2 30	1 37	1 30	4 46	1 7	15 41	1 19	15 50	0 56	4 21	0 44
T 7	6 49	12 21	5 5	4 15	2 30	1 7	1 30	4 28	1 7	15 39	1 19	15 48	0 56	4 20	0 44
F 8	7 11	15 43	4 59	3 37	2 30	0 38	1 30	4 9	1 7	15 37	1 19	15 47	0 57	4 19	0 44
S 9	7 34	18 12	4 36	2 58	2 30	0 9	1 30	3 51	1 7	15 36	1 19	15 46	0 57	4 18	0 44
S 10	7 56	19 33	3 55	2 18	2 28	0n21	1 30	3 32	1 7	15 34	1 19	15 44	0 57	4 16	0 44
M11	8 18	19 41	3 0	1 37	2 27	0 50	1 30	3 13	1 6	15 32	1 19	15 43	0 57	4 15	0 44
T 12	8 40	18 34	1 54	0 55	2 25	1 20	1 30	2 55	1 6	15 30	1 19	15 42	0 57	4 14	0 44
W13	9 2	16 19	0 41	0 12	2 22	1 49	1 30	2 36	1 6	15 28	1 19	15 40	0 57	4 13	0 44
T 14	9 24	13 6	0s33	0n33	2 19	2 18	1 29	2 17	1 6	15 27	1 19	15 39	0 57	4 12	0 44
F 15	9 45	9 11	1 45	1 18	2 15	2 48	1 29	1 59	1 6	15 25	1 19	15 38	0 58	4 10	0 44
S 16	10 6	4 48	2 50	2 4	2 11	3 17	1 29	1 40	1 6	15 23	1 19	15 37	0 58	4 9	0 44
S 17	10 28	0 13	3 45	2 51	2 6	3 46	1 28	1 21	1 5	15 21	1 19	15 35	0 58	4 8	0 44
M18	10 49	4n18	4 26	3 38	2 1	4 16	1 28	1 3	1 5	15 19	1 19	15 34	0 58	4 7	0 44
T 19	11 9	8 32	4 52	4 27	1 55	4 45	1 27	0 44	1 5	15 17	1 19	15 33	0 58	4 6	0 44
W20	11 30	12 17	5 2	5 16	1 49	5 14	1 26	0 25	1 5	15 15	1 19	15 32	0 58	4 5	0 44
T 21	11 51	15 24	4 57	6 6	1 42	5 43	1 26	0 7	1 4	15 12	1 19	15 31	0 59	4 4	0 44
F 22	12 11	17 45	4 38	6 57	1 35	6 11	1 25	0n12	1 4	15 10	1 19	15 30	0 59	4 3	0 44
S 23	12 31	19 16	4 7	7 48	1 27	6 40	1 24	0 31	1 4	15 8	1 19	15 29	0 59	4 2	0 44
S 24	12 51	19 53	3 25	8 40	1 19	7 9	1 23	0 49	1 4	15 6	1 19	15 28	0 59	4 0	0 44
M25	13 10	19 37	2 34	9 32	1 11	7 37	1 22	1 8	1 3	15 4	1 19	15 27	0 59	3 59	0 44
T 26	13 30	18 29	1 37	10 24	1 2	8 5	1 21	1 26	1 3	15 2	1 19	15 26	0 59	3 58	0 44
W27	13 49	16 32	0 36	11 16	0 52	8 33	1 20	1 45	1 3	15 0	1 19	15 25	0 59	3 57	0 44
T 28	14 8	13 51	0n28	12 8	0 43	9 1	1 19	2 3	1 3	14 58	1 19	15 24	1 0	3 56	0 44
F 29	14 27	10 31	1 31	13 0	0 33	9 29	1 17	2 22	1 2	14 55	1 19	15 23	1 0	3 55	0 45
S 30	14n45	6n38	2n32	13n52	0s22	9n56	1s16	2n40	1s 2	14s53	1n19	15s22	1s 0	3s54	0s45

Julian Day Number = 2362881.5, Delta T = 13.52 sec  
 Ecliptic obliquity = 23°28'09", Nutation = - 0°00'11"  
 Ayanamsha: Fagan/Bradley = 21°21'05", Lahiri = 20°28'05"Greg. Calendar

SWISS EPHEMERIS for the year 1757

MAY 1757

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	14 36 20	10♌43'49	2♌0	10♌13	0♌12	9♍54	14°R 9	21♌20	21♌56	10♌24	20°R25	18°R59	18♌32	19♌18	25°R27	
M 2	14 40 17	11°41'53	15°18	12°22	1°26	10°40	14♌2	21°23	21°58	10°24	20♌24	18♌51	18°29	19°25	25♌27	
T 3	14 44 13	12°39'56	29°1	14°32	2°40	11°26	13°54	21°26	22°1	10°24	20°23	18°41	18°25	19°32	25°27	
W 4	14 48 10	13°37'57	13♌4	16°43	3°53	12°11	13°46	21°29	22°3	10°25	20°22	18°29	18°22	19°38	25°27	
T 5	14 52 6	14°35'57	27°25	18°53	5°7	12°57	13°39	21°31	22°5	10°25	20°21	18°18	18°19	19°45	25°27	
F 6	14 56 3	15°33'55	11♌57	21°3	6°21	13°43	13°31	21°34	22°8	10°26	20°19	18°7	18°16	19°52	25°27	
S 7	14 59 59	16°31'52	26°32	23°12	7°35	14°29	13°23	21°36	22°10	10°26	20°18	17°59	18°13	19°58	25°26	
S 8	15 3 56	17°29'47	11♌3	4	25°20	8°48	15°14	13°16	21°39	22°12	10°27	20°17	17°54	18°10	20°5	25°26
M 9	15 7 53	18°27'41	25°28	27°27	10°2	16°0	13°8	21°41	22°15	10°27	20°16	17°51	18°6	20°12	25°25	
T 10	15 11 49	19°25'34	9♌42	29°32	11°16	16°46	13°1	21°43	22°17	10°28	20°14	17°50	18°3	20°18	25°25	
W 11	15 15 46	20°23'25	23°44	1♠36	12°30	17°31	12°53	21°46	22°19	10°29	20°13	17°50	18°0	20°25	25°24	
T 12	15 19 42	21°21'16	7♌38	3°38	13°43	18°17	12°46	21°48	22°21	10°29	20°12	17°49	17°57	20°32	25°23	
F 13	15 23 39	22°19'05	21°9	5°37	14°57	19°2	12°38	21°50	22°23	10°30	20°10	17°47	17°54	20°38	25°23	
S 14	15 27 35	23°16'53	4♌34	7°34	16°11	19°48	12°31	21°51	22°25	10°31	20°9	17°42	17°51	20°45	25°22	
S 15	15 31 32	24°14'39	17°48	9°29	17°25	20°33	12°23	21°53	22°27	10°32	20°8	17°35	17°47	20°52	25°21	
M 16	15 35 28	25°12'25	0♌51	11°21	18°38	21°18	12°16	21°55	22°29	10°32	20°6	17°25	17°44	20°58	25°20	
T 17	15 39 25	26°10'09	13°42	13°10	19°52	22°4	12°9	21°56	22°31	10°33	20°5	17°12	17°41	21°5	25°18	
W 18	15 43 22	27°7'52	26°20	14°56	21°6	22°49	12°1	21°58	22°33	10°34	20°4	16°59	17°38	21°11	25°17	
T 19	15 47 18	28°5'34	8♠46	16°39	22°20	23°34	11°54	21°59	22°35	10°35	20°2	16°47	17°35	21°18	25°16	
F 20	15 51 15	29°3'14	21°0	18°19	23°33	24°19	11°47	22°1	22°37	10°36	20°1	16°35	17°31	21°25	25°15	
S 21	15 55 11	0♠53	3♌3	19°56	24°47	25°4	11°40	22°2	22°39	10°37	19°59	16°26	17°28	21°31	25°13	
S 22	15 59 8	0°58'31	14°58	21°30	26°1	25°49	11°33	22°3	22°40	10°38	19°58	16°20	17°25	21°38	25°12	
M 23	16 3 4	1°56'07	26°46	23°1	27°15	26°34	11°27	22°4	22°42	10°39	19°56	16°16	17°22	21°45	25°10	
T 24	16 7 1	2°53'42	8♌34	24°29	28°28	27°19	11°20	22°5	22°44	10°40	19°55	16°14	17°19	21°51	25°9	
W 25	16 10 57	3°51'16	20°24	25°53	29°42	28°4	11°13	22°6	22°45	10°41	19°53	16°D14	17°16	21°58	25°7	
T 26	16 14 54	4°48'48	2♠23	27°14	0♠56	28°49	11°7	22°6	22°47	10°42	19°52	16°R14	17°12	22°5	25°5	
F 27	16 18 51	5°46'18	14°35	28°32	2°9	29°34	11°0	22°7	22°48	10°43	19°50	16°14	17°9	22°11	25°3	
S 28	16 22 47	6°43'47	27°7	29°46	3°23	0♌18	10°54	22°7	22°50	10°44	19°49	16°12	17°6	22°18	25°2	
S 29	16 26 44	7°41'15	10♌2	0♌57	4°37	1°3	10°48	22°8	22°51	10°46	19°47	16°8	17°3	22°25	25°0	
M 30	16 30 40	8°38'42	23°23	2°5	5°51	1°48	10°42	22°8	22°53	10°47	19°46	16°2	17°0	22°31	24°58	
T 31	16 34 37	9♠36'08	7♠13	3♌8	7♠4	2♌32	10♠36	22♌8	22♌54	10♌48	19♌44	15♌54	16♌57	22♌38	24♌56	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂								
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
S 1	15n 4	2n21	3n26	14n42	0s12	10n23	1s15	2n59	1s 2	14s51	1n19	15s21	1s 0	3s53	0s45	17n45	0n 6	14s44	8n24	15n 9	15n17	19n35	14s 4	7n 8
M 2	15 22	2s10	4 11	15 33	0 2	10 50	1 13	3 17	1 1	14 49	1 19	15 21	1 0	3 52	0 45	17 45	0 6	14 44	8 24	15 11	15 18	19 35	14 3	7 8
T 3	15 40	6 43	4 43	16 22	0n 9	11 17	1 12	3 35	1 1	14 47	1 19	15 20	1 1	3 51	0 45	17 45	0 6	14 44	8 25	15 15	15 19	19 35	14 2	7 9
W 4	15 57	11 1	4 59	17 10	0 20	11 43	1 10	3 53	1 1	14 44	1 19	15 19	1 1	3 50	0 45	17 45	0 6	14 44	8 25	15 18	15 20	19 35	14 2	7 10
T 5	16 14	14 47	4 57	17 56	0 30	12 10	1 9	4 12	1 0	14 42	1 19	15 18	1 1	3 50	0 45	17 45	0 6	14 44	8 25	15 22	15 21	19 34	14 1	7 10
F 6	16 31	17 42	4 35	18 41	0 40	12 36	1 7	4 30	1 0	14 40	1 19	15 18	1 1	3 49	0 45	17 45	0 6	14 43	8 25	15 25	15 22	19 34	14 1	7 11
S 7	16 48	19 30	3 56	19 25	0 51	13 1	1 6	4 48	1 0	14 38	1 19	15 17	1 1	3 48	0 45	17 44	0 6	14 43	8 25	15 28	15 23	19 34	14 0	7 11
S 8	17 4 20	0 3	1 20	6 1	1 13	26 1	4 5	6 0	0 59	14 36	1 18	15 16	1 1	3 47	0 45	17 44	0 6	14 43	8 25	15 29	15 24	19 34	14 0	7 12
M 9	17 21	19 11	1 55	20 45	1 10	13 51	1 2	5 24	0 59	14 33	1 18	15 16	1 2	3 46	0 45	17 44	0 6	14 43	8 25	15 30	15 25	19 34	14 0	7 12
T 10	17 36	17 9	0 43	21 22	1 19	14 16	1 1	5 41	0 59	14 31	1 18	15 15	1 2	3 45	0 45	17 44	0 6	14 43	8 25	15 30	15 26	19 33	13 59	7 13
W 11	17 52	14 7	0s31	21 56	1 28	14 40	0 59	5 59	0 58	14 29	1 18	15 15	1 2	3 44	0 45	17 44	0 6	14 43	8 25	15 30	15 27	19 33	13 59	7 13
T 12	18 7 10	20 1	1 42	22 28	1 36	15 4	0 57	6 17	0 58	14 27	1 18	15 14	1 2	3 43	0 45	17 44	0 6	14 43	8 25	15 31	15 28	19 33	13 58	7 14
F 13	18 22	6 4	2 46	22 57	1 43	15 28	0 55	6 35	0 58	14 25	1 18	15 14	1 2	3 43	0 45	17 44	0 6	14 42	8 25	15 31	15 29	19 33	13 58	7 14
S 14	18 37	1 33	3 40	23 24	1 50	15 51	0 53	6 52	0 57	14 23	1 18	15 13	1 2	3 42	0 45	17 43	0 6	14 42	8 25	15 33	15 30	19 33	13 58	7 15
S 15	18 51	2n58	4 22	23 48	1 56	16 14	0 51	7 10	0 57	14 20	1 18	15 13	1 3	3 41	0 45	17 43	0 6	14 42	8 25	15 35	15 31	19 32	13 57	7 16
M 16	19 5	7 17	4 48	24 10	2 1	16 36	0 49	7 27	0 56	14 18	1 18	15 13	1 3	3 40	0 45	17 43	0 6	14 42	8 25	15 38	15 32	19 32	13 57	7 16
T 17	19 19	11 12	5 0	24 29	2 6	16 58	0 47	7 44	0 56	14 16	1 17	15 12	1 3	3 40	0 45	17 43	0 6	14 42	8 25	15 42	15 33	19 32	13 57	7 17
W 18	19 33	14 33	4 57	24 46	2 9	17 20	0 45	8 1	0 55	14 14	1 17	15 12	1 3	3 39	0 45	17 42	0 6	14 42	8 25	15 46	15 34	19 32	13 56	7 17
T 19	19 46	17 12	4 39	25 0	2 12	17 41	0 43	8 19	0 55	14 12	1 17	15 12	1 3	3 38	0 45	17 42	0 6	14 42	8 25	15 50	15 35	19 31	13 56	7 18
F 20	19 58	19 1	4 9	25 11	2 15	18 1	0 41	8 36	0 55	14 10	1 17	15 11	1 4	3 37	0 45	17 42	0 6	14 42	8 25	15 53	15 36	19 31	13 56	7 18
S 21	20 11	19 58	3 28	25 21	2 16	18 22	0 39	8 53	0 54	14 8	1 17	15 11	1 4	3 37	0 45	17 42	0 6	14 42	8 25	15 56	15 37	19 31	13 55	7 19
S 22	20 23	20 1	2 38	25 28	2 16	18 41	0 37	9 9	0 54	14 6	1 17	15 11	1 4	3 36	0 45	17 41	0 6	14 41	8 25	15 58	15 38	19 31	13 55	7 19
M 23	20 34	19 10	1 42	25 33	2 16	19 1	0 34	9 26	0 53	14 4	1 16	15 11	1 4	3 36	0 45	17 41	0 6	14 41	8 25	15 59	15 39	19 30	13 55	7 20
T 24	20 46	17 29	0 41	25 36	2 15	19 19	0 32	9 43	0 53	14 2	1 16	15 11	1 4	3 35	0 45	17 41	0 6	14 41	8 25	15 59	15 40	19 30	13 55	7 20
W 25	20 57	15 3	0n22	25 37	2 13	19 37	0 30	9 59	0 52	14 0	1 16	15 11	1 4	3 34	0 45	17 41	0 6	14 41	8 25	15 59	15 41	19 30	13 55	7 21
T 26	21 7 11	58 1	1 25	25 37	2 10	19 55	0 28	10 16	0 52	13 59	1 16	15 11	1 5	3 34	0 45	17 40	0 6	14 41	8 25	15 59	15 42	19 30	13 54	7 21
F 27	21 18 8 18	2 25	25 34	2 7	20 12	0 25	10 32	0 51	13 57	1 16	15 11	1 5	3 33	0 45	17 40	0 6	14 41	8 25	15 59	15 43	19 29	13 54	7 21	
S 28	21 28 4 12	3 20	25 31	2 2	20 29	0 23	10 48	0 51	13 55	1 16	15 11	1 5	3 33	0 45	17 40	0 6	14 41	8 25	16 0	15 44	19			

SWISS EPHEMERIS for the year 1757

JUNE 1757

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
W 1	16 38 33	10II33'32	21M28	4☾ 9	8II18	3♃17	10°R30	22☾ 8	22♃55	10L49	19°R43	15°R44	16Ω53	22☾45	24°R53
T 2	16 42 30	11°30'56	6♁ 6	5° 5	9°32	4° 1	10M24	22°R 8	22°57	10°51	19♁41	15Ω34	16°50	22°51	24♃51
F 3	16 46 26	12°28'18	20°58	5°58	10°45	4°45	10°19	22° 8	22°58	10°52	19°39	15°25	16°47	22°58	24°49
S 4	16 50 23	13°25'40	5♃55	6°47	11°59	5°30	10°13	22° 8	22°59	10°53	19°38	15°19	16°44	23° 5	24°47
S 5	16 54 20	14°23'01	20°50	7°32	13°13	6°14	10° 8	22° 8	23° 0	10°55	19°36	15°14	16°41	23°11	24°44
M 6	16 58 16	15°20'22	5☾34	8°13	14°26	6°58	10° 3	22° 7	23° 1	10°56	19°35	15°12	16°37	23°18	24°42
T 7	17 2 13	16°17'41	20° 3	8°50	15°40	7°42	9°58	22° 7	23° 2	10°58	19°33	15°D12	16°34	23°25	24°39
W 8	17 6 9	17°15'01	4♁13	9°23	16°54	8°26	9°53	22° 6	23° 3	10°59	19°32	15°12	16°31	23°31	24°37
T 9	17 10 6	18°12'20	18° 3	9°51	18° 7	9°10	9°48	22° 6	23° 4	11° 0	19°30	15°R13	16°28	23°38	24°34
F 10	17 14 2	19° 9'38	1♀35	10°15	19°21	9°54	9°44	22° 5	23° 5	11° 2	19°28	15°12	16°25	23°45	24°32
S 11	17 17 59	20° 6'56	14°49	10°35	20°35	10°38	9°39	22° 4	23° 6	11° 3	19°27	15° 9	16°22	23°51	24°29
S 12	17 21 55	21° 4'14	27°48	10°50	21°49	11°22	9°35	22° 3	23° 7	11° 5	19°25	15° 5	16°18	23°58	24°26
M13	17 25 52	22° 1'31	10♃33	11° 0	23° 2	12° 6	9°31	22° 2	23° 7	11° 7	19°24	14°58	16°15	24° 5	24°24
T 14	17 29 49	22°58'48	23° 6	11° 6	24°16	12°50	9°27	22° 1	23° 8	11° 8	19°22	14°49	16°12	24°11	24°21
W15	17 33 45	23°56'05	5II28	11°R 8	25°30	13°33	9°23	22° 0	23° 9	11°10	19°21	14°40	16° 9	24°18	24°18
T 16	17 37 42	24°53'21	17°39	11° 5	26°43	14°17	9°20	21°58	23° 9	11°11	19°19	14°31	16° 6	24°25	24°15
F 17	17 41 38	25°50'37	29°42	10°57	27°57	15° 1	9°16	21°57	23°10	11°13	19°17	14°23	16° 3	24°31	24°12
S 18	17 45 35	26°47'53	11☾38	10°45	29°11	15°44	9°13	21°55	23°10	11°15	19°16	14°16	15°59	24°38	24° 9
S 19	17 49 31	27°45'08	23°28	10°29	0☾25	16°27	9°10	21°54	23°11	11°16	19°14	14°12	15°56	24°45	24° 6
M20	17 53 28	28°42'22	5Ω15	10° 9	1°38	17°11	9° 7	21°52	23°11	11°18	19°13	14°10	15°53	24°51	24° 3
T 21	17 57 25	29°39'36	17° 2	9°46	2°52	17°54	9° 4	21°50	23°12	11°20	19°11	14°D 9	15°50	24°58	24° 0
W22	18 1 21	0☾36'49	28°52	9°19	4° 6	18°37	9° 2	21°48	23°12	11°22	19°10	14°10	15°47	25° 5	23°57
T 23	18 5 18	1°34'02	10♁51	8°50	5°20	19°20	8°59	21°46	23°12	11°24	19° 8	14°11	15°43	25°11	23°53
F 24	18 9 14	2°31'15	23° 3	8°18	6°33	20° 4	8°57	21°44	23°12	11°25	19° 7	14°13	15°40	25°18	23°50
S 25	18 13 11	3°28'27	5Ω33	7°44	7°47	20°47	8°55	21°42	23°13	11°27	19° 5	14°R13	15°37	25°24	23°47
S 26	18 17 7	4°25'38	18°25	7° 8	9° 1	21°29	8°53	21°40	23°13	11°29	19° 3	14°12	15°34	25°31	23°44
M27	18 21 4	5°22'49	1M43	6°32	10°15	22°12	8°52	21°37	23°13	11°31	19° 2	14°10	15°31	25°38	23°40
T 28	18 25 0	6°20'00	15°30	5°56	11°28	22°55	8°50	21°35	23°R13	11°33	19° 0	14° 6	15°28	25°44	23°37
W29	18 28 57	7°17'10	29°45	5°20	12°42	23°38	8°49	21°33	23°13	11°35	18°59	14° 1	15°24	25°51	23°34
T 30	18 32 54	8☾14'20	14♁25	4☾46	13☾56	24♃21	8M48	21♁30	23♁13	11Ω37	18♁58	13Ω55	15Ω21	25☾58	23♃30

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
W 1	22n 3	13s17	5n 2	25n 1	1n37	21n29	0s14	11n51	0s49	13s48	1n15	15s11	1s 6	3s31	0s46	17n38	0n 6	14s41	8n25	16n 8	15n48	19n28	13s54	7n24
T 2	22 11	16 41	4 45	24 50	1 28	21 43	0 11	12 7	0 48	13 47	1 15	15 11	1 6	3 30	0 46	17 38	0 6	14 41	8 25	16 11	15 49	19 28	13 54	7 24
F 3	22 19	19 2	4 8	24 39	1 19	21 56	0 9	12 22	0 48	13 45	1 14	15 11	1 6	3 30	0 46	17 38	0 6	14 41	8 25	16 14	15 50	19 27	13 54	7 25
S 4	22 26	20 7	3 14	24 27	1 9	22 9	0 7	12 38	0 47	13 44	1 14	15 12	1 6	3 29	0 46	17 37	0 6	14 41	8 25	16 16	15 50	19 27	13 54	7 25
S 5	22 33	19 46	2 6	24 14	0 58	22 20	0 4	12 53	0 47	13 42	1 14	15 12	1 6	3 29	0 46	17 37	0 6	14 40	8 25	16 17	15 51	19 27	13 54	7 25
M 6	22 40	18 4	0 51	24 0	0 47	22 32	0 2	13 8	0 46	13 41	1 14	15 12	1 7	3 28	0 46	17 37	0 6	14 40	8 25	16 18	15 52	19 27	13 54	7 26
T 7	22 46	15 14	0s26	23 45	0 35	22 42	0n 0	13 23	0 46	13 40	1 13	15 13	1 7	3 28	0 46	17 36	0 6	14 40	8 25	16 18	15 53	19 26	13 54	7 26
W 8	22 51	11 32	1 40	23 30	0 22	22 52	0 3	13 37	0 45	13 38	1 13	15 13	1 7	3 28	0 46	17 36	0 6	14 40	8 24	16 18	15 54	19 26	13 54	7 27
T 9	22 57	7 17	2 47	23 15	0 8	23 1	0 5	13 52	0 44	13 37	1 13	15 13	1 7	3 27	0 46	17 35	0 6	14 40	8 24	16 18	15 55	19 26	13 54	7 27
F 10	23 2	2 46	3 42	22 59	0s 6	23 10	0 8	14 7	0 44	13 36	1 13	15 14	1 7	3 27	0 46	17 35	0 6	14 40	8 24	16 18	15 56	19 25	13 54	7 27
S 11	23 6	1n47	4 25	22 43	0 20	23 18	0 10	14 21	0 43	13 35	1 13	15 14	1 8	3 27	0 46	17 35	0 6	14 40	8 24	16 19	15 57	19 25	13 54	7 28
S 12	23 10	6 9	4 53	22 26	0 36	23 25	0 12	14 35	0 43	13 33	1 12	15 15	1 8	3 26	0 46	17 34	0 6	14 40	8 24	16 20	15 58	19 25	13 54	7 28
M13	23 14	10 10	5 5	22 10	0 51	23 32	0 15	14 49	0 42	13 32	1 12	15 15	1 8	3 26	0 46	17 34	0 6	14 40	8 24	16 22	15 59	19 24	13 54	7 28
T 14	23 17	13 41	5 3	21 53	1 7	23 38	0 17	15 3	0 42	13 31	1 12	15 16	1 8	3 26	0 46	17 33	0 6	14 40	8 24	16 25	16 0	19 24	13 54	7 29
W15	23 20	16 32	4 47	21 37	1 23	23 43	0 19	15 17	0 41	13 30	1 12	15 16	1 8	3 26	0 46	17 33	0 6	14 40	8 24	16 27	16 1	19 24	13 55	7 29
T 16	23 22	18 38	4 17	21 21	1 40	23 47	0 22	15 30	0 40	13 30	1 11	15 17	1 8	3 26	0 46	17 32	0 6	14 40	8 24	16 30	16 2	19 23	13 55	7 29
F 17	23 24	19 52	3 37	21 5	1 56	23 51	0 24	15 44	0 40	13 29	1 11	15 18	1 9	3 25	0 46	17 32	0 6	14 40	8 23	16 32	16 3	19 23	13 55	7 30
S 18	23 26	20 12	2 47	20 49	2 13	23 54	0 26	15 57	0 39	13 28	1 11	15 18	1 9	3 25	0 46	17 32	0 6	14 40	8 23	16 34	16 4	19 23	13 55	7 30
S 19	23 27	19 38	1 50	20 34	2 29	23 57	0 28	16 10	0 38	13 27	1 11	15 19	1 9	3 25	0 46	17 31	0 6	14 40	8 23	16 35	16 5	19 22	13 55	7 30
M20	23 28	18 12	0 48	20 20	2 45	23 58	0 31	16 23	0 38	13 26	1 10	15 20	1 9	3 25	0 46	17 31	0 6	14 40	8 23	16 36	16 6	19 22	13 56	7 31
T 21	23 28	16 0	0n16	20 6	3 1	23 59	0 33	16 36	0 37	13 26	1 10	15 20	1 9	3 25	0 46	17 30	0 6	14 40	8 23	16 36	16 7	19 21	13 56	7 31
W22	23 28	13 7	1 19	19 53	3 16	23 59	0 35	16 48	0 37	13 25	1 10	15 21	1 10	3 25	0 46	17 30	0 6	14 40	8 23	16 36	16 8	19 21	13 56	7 31
T 23	23 28	9 40	2 20	19 40	3 31	23 59	0 37	17 1	0 36	13 25	1 10	15 22	1 10	3 25	0 46	17 29	0 6	14 40	8 23	16 36	16 9	19 21	13 56	7 31
F 24	23 27	5 45	3 16	19 29	3 44	23 58	0 39	17 13	0 35	13 24	1 9	15 23	1 10	3 25	0 46	17 29	0 6	14 40	8 22	16 35	16 9	19 20	13 57	7 32
S 25	23 25	1 31	4 3	19 19	3 56	23 56	0 42	17 25	0 35	13 24	1 9	15 24	1 10	3 25	0 46	17 28	0 6	14 41	8 22	16 35	16 10	19 20	13 57	7 32
S 26	23 24	2s54	4 41	19 9	4 8	23 53	0 44	17 37	0 34	13 24	1 9	15 25	1 10	3 25	0 46	17 28	0 6	14 41	8 22	16 35	16 11	19 20	13 57	7 32
M27	23 22	7 20	5 4	19 1	4 18	23 50	0 46	17 48	0 33	13 23	1 9	15 25	1 10	3 25	0 46	17 27	0 6	14 41	8 22	16 36	16 12	19 19	13 58	7 32
T 28	23 19	11 32	5 11	18 54	4 26	23 46	0 48	18 0	0 33	13 23	1 8	15 26	1 11	3 25	0 47	17 27	0 6	14 41	8 22	16 37	16 13	19 19	13 58	7 32
W29	23 16	15 14	5 0	18 48	4 34	23 41	0 50	18 11	0 32	13 23	1 8</													

SWISS EPHEMERIS for the year 1757

JULY 1757

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
F 1	18 36 50	9°11'30	29°24	4°R13	15°59 9	25°3 3	8°R47	21°R27	23°R13	11°L38	18°R56	13°R51	15°L18	26°5 4	23°R27
S 2	18 40 47	10° 8'40	14°33'34	3°54'2	16°23	25°46	8°M46	21°25	23°12	11°40	18°55	13°L47	15°15	26°11	23°23
S 3	18 44 43	11° 5'50	29°44	3°14	17°37	26°28	8°45	21°22	23°12	11°42	18°53	13°45	15°12	26°18	23°20
M 4	18 48 40	12° 3'00	14°45	2°49	18°51	27°11	8°45	21°19	23°12	11°44	18°52	13°D44	15° 9	26°24	23°17
T 5	18 52 36	13° 0'11	29°31	2°29	20° 4	27°53	8°45	21°16	23°12	11°46	18°50	13°45	15° 5	26°31	23°13
W 6	18 56 33	13°57'22	13°55	2°12	21°18	28°35	8°D45	21°13	23°11	11°48	18°49	13°46	15° 2	26°38	23°10
T 7	19 0 29	14°54'33	27°55	2° 0	22°32	29°17	8°45	21°10	23°11	11°50	18°48	13°48	14°59	26°44	23° 6
F 8	19 4 26	15°51'45	11°31	1°52	23°46	29°59	8°45	21° 7	23°10	11°52	18°46	13°R48	14°56	26°51	23° 2
S 9	19 8 23	16°48'57	24°44	1°D50	24°59	0°II42	8°46	21° 3	23°10	11°54	18°45	13°48	14°53	26°58	22°59
S 10	19 12 19	17°46'10	7°37	1°53	26°13	1°24	8°46	21° 0	23° 9	11°56	18°43	13°47	14°49	27° 4	22°55
M 11	19 16 16	18°43'23	20°12	2° 1	27°27	2° 5	8°47	20°57	23° 9	11°59	18°42	13°44	14°46	27°11	22°52
T 12	19 20 12	19°40'37	2°II33	2°15	28°41	2°47	8°48	20°53	23° 8	12° 1	18°41	13°41	14°43	27°18	22°48
W 13	19 24 9	20°37'52	14°43	2°34	29°55	3°29	8°49	20°50	23° 7	12° 3	18°40	13°37	14°40	27°24	22°45
T 14	19 28 5	21°35'07	26°44	2°58	1°L 8	4°11	8°51	20°46	23° 7	12° 5	18°38	13°34	14°37	27°31	22°41
F 15	19 32 2	22°32'23	8°58	3°28	2°22	4°52	8°52	20°43	23° 6	12° 7	18°37	13°31	14°34	27°38	22°38
S 16	19 35 58	23°29'39	20°27	4° 4	3°36	5°34	8°54	20°39	23° 5	12° 9	18°36	13°28	14°30	27°44	22°34
S 17	19 39 55	24°26'56	2°L15	4°45	4°50	6°15	8°56	20°35	23° 4	12°11	18°35	13°27	14°27	27°51	22°30
M 18	19 43 52	25°24'13	14° 2	5°32	6° 4	6°57	8°58	20°31	23° 3	12°13	18°33	13°D26	14°24	27°57	22°27
T 19	19 47 48	26°21'31	25°52	6°23	7°17	7°38	9° 0	20°27	23° 2	12°15	18°32	13°27	14°21	28° 4	22°23
W 20	19 51 45	27°18'49	7°II47	7°21	8°31	8°19	9° 3	20°24	23° 1	12°18	18°31	13°28	14°18	28°11	22°20
T 21	19 55 41	28°16'07	19°50	8°23	9°45	9° 0	9° 5	20°20	23° 0	12°20	18°30	13°29	14°15	28°17	22°16
F 22	19 59 38	29°13'26	2°L 6	9°31	10°59	9°41	9° 8	20°16	22°59	12°22	18°29	13°30	14°11	28°24	22°13
S 23	20 3 34	0°L10'46	14°37	10°44	12°13	10°22	9°11	20°11	22°58	12°24	18°28	13°31	14° 8	28°31	22° 9
S 24	20 7 31	1° 8'05	27°27	12° 1	13°26	11° 3	9°14	20° 7	22°57	12°26	18°27	13°R32	14° 5	28°37	22° 6
M 25	20 11 27	2° 5'26	10°M41	13°24	14°40	11°44	9°17	20° 3	22°56	12°29	18°26	13°32	14° 2	28°44	22° 2
T 26	20 15 24	3° 2'47	24°20	14°51	15°54	12°25	9°21	19°59	22°54	12°31	18°25	13°31	13°59	28°51	21°59
W 27	20 19 21	4° 0'08	8°M25	16°22	17° 8	13° 6	9°25	19°55	22°53	12°33	18°24	13°30	13°55	28°57	21°55
T 28	20 23 17	4°57'30	22°56	17°58	18°22	13°46	9°28	19°51	22°52	12°35	18°23	13°29	13°52	29° 4	21°52
F 29	20 27 14	5°54'53	7°37	19°38	19°36	14°27	9°32	19°46	22°50	12°37	18°22	13°28	13°49	29°11	21°48
S 30	20 31 10	6°52'17	22°53	21°22	20°49	15° 7	9°36	19°42	22°49	12°40	18°21	13°28	13°46	29°17	21°45
S 31	20 35 7	7°L49'41	8°5 5	23°5 9	22°L 3	15°II47	9°M41	19°38	22°47	12°L42	18°M20	13°D28	13°L43	29°24	21°42

Day	☉			☽			♀		♁		♂		♃		♅		♁		♁		♁		♁	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
F 1	23n 9	19s49	3n39	18n41	4s43	23n30	0n54	18n34	0s31	13s23	1n 7	15s29	1s11	3s25	0s47	17n25	0n 7	14s41	8n21	16n42	16n16	19n17	13s59	7n33
S 2	23 5	20 8	2 33	18 39	4 46	23 23	0 56	18 44	0 30	13 23	1 7	15 30	1 11	3 25	0 47	17 25	0 7	14 41	8 21	16 43	16 17	19 17	14 0	7 33
S 3	23 0	19 0	1 16	18 39	4 47	23 15	0 57	18 55	0 29	13 23	1 7	15 31	1 11	3 25	0 47	17 24	0 7	14 41	8 21	16 43	16 18	19 17	14 0	7 33
M 4	22 55	16 31	0s 6	18 40	4 46	23 7	0 59	19 5	0 28	13 23	1 7	15 33	1 12	3 25	0 47	17 24	0 7	14 41	8 21	16 43	16 19	19 16	14 0	7 33
T 5	22 50	12 59	1 25	18 43	4 44	22 58	1 1	19 16	0 28	13 23	1 6	15 34	1 12	3 25	0 47	17 23	0 7	14 41	8 20	16 43	16 20	19 16	14 1	7 34
W 6	22 44	8 46	2 38	18 46	4 41	22 49	1 3	19 26	0 27	13 23	1 6	15 35	1 12	3 25	0 47	17 22	0 7	14 41	8 20	16 43	16 21	19 15	14 1	7 34
T 7	22 38	4 11	3 39	18 52	4 36	22 38	1 4	19 36	0 26	13 24	1 6	15 36	1 12	3 26	0 47	17 22	0 7	14 42	8 20	16 42	16 22	19 15	14 2	7 34
F 8	22 31	0n29	4 26	18 58	4 30	22 28	1 6	19 45	0 26	13 24	1 6	15 37	1 12	3 26	0 47	17 21	0 7	14 42	8 20	16 42	16 23	19 15	14 2	7 34
S 9	22 25	4 59	4 57	19 5	4 22	22 16	1 8	19 55	0 25	13 24	1 5	15 38	1 12	3 26	0 47	17 21	0 7	14 42	8 19	16 42	16 24	19 14	14 3	7 34
S 10	22 17	9 8	5 12	19 14	4 14	22 4	1 9	20 4	0 24	13 25	1 5	15 40	1 12	3 26	0 47	17 20	0 7	14 42	8 19	16 43	16 24	19 14	14 3	7 34
M 11	22 10	12 48	5 12	19 23	4 4 21	21 51	1 11	20 13	0 23	13 25	1 5	15 41	1 13	3 27	0 47	17 20	0 7	14 42	8 19	16 43	16 25	19 13	14 4	7 34
T 12	22 1 15	50	4 58	19 33	3 54	21 37	1 12	20 22	0 23	13 26	1 5	15 42	1 13	3 27	0 47	17 19	0 7	14 42	8 19	16 44	16 26	19 13	14 4	7 34
W 13	21 53	18 8	4 30	19 44	3 42	21 31	1 13	20 31	0 22	13 27	1 4	15 43	1 13	3 27	0 47	17 19	0 7	14 42	8 18	16 45	16 27	19 12	14 5	7 34
T 14	21 44	19 36	3 50	19 56	3 30	21 9	1 15	20 40	0 21	13 27	1 4	15 45	1 13	3 28	0 47	17 18	0 7	14 42	8 18	16 46	16 28	19 12	14 5	7 34
F 15	21 35	20 11	3 1	20 8	3 18	20 53	1 16	20 48	0 20	13 28	1 4	15 46	1 13	3 28	0 47	17 17	0 7	14 43	8 18	16 47	16 29	19 11	14 6	7 34
S 16	21 25	19 52	2 4	20 20	3 5	20 37	1 17	20 56	0 20	13 29	1 3	15 47	1 13	3 28	0 47	17 17	0 7	14 43	8 18	16 48	16 30	19 11	14 6	7 34
S 17	21 15	18 41	1 2	20 32	2 51	20 21	1 18	21 4	0 19	13 30	1 3	15 49	1 14	3 29	0 47	17 16	0 7	14 43	8 17	16 48	16 31	19 10	14 7	7 34
M 18	21 5	16 41	0n 3	20 44	2 37	20 4	1 19	21 12	0 18	13 31	1 3	15 50	1 14	3 29	0 47	17 16	0 7	14 43	8 17	16 48	16 32	19 10	14 8	7 34
T 19	20 54	13 59	1 8	20 56	2 23	19 46	1 20	21 20	0 17	13 32	1 3	15 51	1 14	3 29	0 47	17 15	0 7	14 43	8 17	16 48	16 33	19 9	14 8	7 34
W 20	20 43	10 41	2 11	21 8	2 8	19 28	1 21	21 27	0 17	13 33	1 2	15 53	1 14	3 30	0 47	17 14	0 7	14 43	8 17	16 48	16 34	19 9	14 9	7 34
T 21	20 32	6 55	3 8	21 19	1 54	19 9	1 22	21 34	0 16	13 34	1 2	15 54	1 14	3 30	0 47	17 14	0 7	14 44	8 16	16 48	16 35	19 8	14 9	7 34
F 22	20 20	2 49	3 58	21 29	1 39	18 50	1 23	21 41	0 15	13 35	1 2	15 55	1 14	3 31	0 47	17 13	0 7	14 44	8 16	16 47	16 36	19 8	14 10	7 34
S 23	20 8	1s30	4 38	21 38	1 24	18 30	1 24	21 48	0 14	13 36	1 2	15 57	1 14	3 31										

SWISS EPHEMERIS for the year 1757

AUGUST 1757

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
M 1	20 39 3	8♄47'06	23♁13	24♁59	23♁17	16♁28	9♁45	19°R33	22°R46	12♁44	18°R19	13♁28	13♁40	29♁31	21°R38
T 2	20 43 0	9°44'32	8♁9	26°52	24°31	17° 8	9°50	19°29	22°44	12°46	18°18	13°28	13°36	29°37	21°35
W 3	20 46 56	10°42'00	22° 45	28°48	25°44	17°48	9°55	19°25	22°43	12°48	18°18	13°28	13°33	29°44	21°32
T 4	20 50 53	11°39'28	6♁56	0♁46	26°58	18°28	9°59	19°20	22°41	12°51	18°17	13°28	13°30	29°51	21°28
F 5	20 54 50	12°36'58	20°41	2°45	28°12	19° 8	10° 4	19°16	22°40	12°53	18°16	13°28	13°27	29°57	21°25
S 6	20 58 46	13°34'29	3♁59	4°46	29°26	19°48	10°10	19°11	22°38	12°55	18°15	13°R28	13°24	0♁ 4	21°22
S 7	21 2 43	14°32'02	16°53	6°48	0♁40	20°27	10°15	19° 7	22°36	12°57	18°15	13°D28	13°20	0°10	21°19
M 8	21 6 39	15°29'36	29°26	8°50	1°53	21° 7	10°21	19° 2	22°34	13° 0	18°14	13°29	13°17	0°17	21°16
T 9	21 10 36	16°27'12	11♁43	10°53	3° 7	21°47	10°26	18°58	22°33	13° 2	18°13	13°29	13°14	0°24	21°13
W10	21 14 32	17°24'49	23°46	12°56	4°21	22°26	10°32	18°53	22°31	13° 4	18°13	13°29	13°11	0°30	21°10
T 11	21 18 29	18°22'28	5♁40	14°59	5°35	23° 6	10°38	18°49	22°29	13° 6	18°12	13°30	13° 8	0°37	21° 7
F 12	21 22 25	19°20'08	17°29	17° 2	6°49	23°45	10°44	18°44	22°27	13° 8	18°11	13°30	13° 5	0°44	21° 4
S 13	21 26 22	20°17'49	29°16	19° 4	8° 2	24°24	10°51	18°40	22°25	13°11	18°11	13°31	13° 1	0°50	21° 1
S 14	21 30 19	21°15'32	11♁ 4	21° 5	9°16	25° 3	10°57	18°35	22°23	13°13	18°10	13°R31	12°58	0°57	20°58
M15	21 34 15	22°13'16	22°56	23° 5	10°30	25°42	11° 3	18°31	22°21	13°15	18°10	13°31	12°55	1° 4	20°55
T 16	21 38 12	23°11'02	4♁53	25° 4	11°44	26°21	11°10	18°26	22°19	13°17	18°10	13°30	12°52	1°10	20°52
W17	21 42 8	24° 8'49	16°57	27° 2	12°57	27° 0	11°17	18°22	22°17	13°19	18° 9	13°29	12°49	1°17	20°50
T 18	21 46 5	25° 6'37	29°11	28°59	14°11	27°39	11°24	18°17	22°15	13°22	18° 9	13°28	12°46	1°24	20°47
F 19	21 50 1	26° 4'26	11♁37	0♁55	15°25	28°18	11°31	18°13	22°13	13°24	18° 8	13°26	12°42	1°30	20°44
S 20	21 53 58	27° 2'17	24°16	2°49	16°39	28°56	11°38	18° 9	22°11	13°26	18° 8	13°24	12°39	1°37	20°42
S 21	21 57 54	28° 0'09	7♁11	4°42	17°52	29°35	11°46	18° 4	22° 9	13°28	18° 8	13°23	12°36	1°44	20°39
M22	22 1 51	28°58'02	20°25	6°34	19° 6	0♁51	11°53	18° 0	22° 7	13°30	18° 8	13°22	12°33	1°50	20°37
T 23	22 5 48	29°55'57	3♁58	8°25	20°20	0°51	12° 1	17°55	22° 5	13°33	18° 7	13°D22	12°30	1°57	20°34
W24	22 9 44	0♁53'53	17°52	10°14	21°34	1°29	12° 9	17°51	22° 3	13°35	18° 7	13°22	12°26	2° 3	20°32
T 25	22 13 41	1°51'50	2♁ 7	12° 2	22°47	2° 7	12°16	17°47	22° 0	13°37	18° 7	13°23	12°23	2°10	20°30
F 26	22 17 37	2°49'48	16°41	13°48	24° 1	2°45	12°25	17°42	21°58	13°39	18° 7	13°25	12°20	2°17	20°27
S 27	22 21 34	3°47'48	1♁30	15°33	25°15	3°23	12°33	17°38	21°56	13°41	18° 7	13°26	12°17	2°23	20°25
S 28	22 25 30	4°45'49	16°29	17°17	26°28	4° 1	12°41	17°34	21°54	13°43	18° 7	13°R26	12°14	2°30	20°23
M29	22 29 27	5°43'52	1♁28	19° 0	27°42	4°39	12°49	17°30	21°51	13°45	18° 7	13°25	12°11	2°37	20°21
T 30	22 33 23	6°41'56	16°21	20°42	28°56	5°16	12°58	17°26	21°49	13°47	18°D 7	13°23	12° 7	2°43	20°19
W31	22 37 20	7♁40'02	0♁59	22♁22	0♁ 9	5♁54	13♁ 6	17°22	21°47	13♁49	18°♁ 7	13♁20	12♁ 4	2♁50	20♁17

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
M 1	18n 5	14s39	0s54	21n43	0n34	15n10	1n28	22n40	0s 7	13s49	0n59	16s10	1s15	3s36	0s48	17n 7	0n 7	14s46	8n13	16n48	16n45	19n 3	14s16	7n33
T 2	17 50	10 35	2 13	21 32	0 44	14 46	1 29	22 45	0 6	13 51	0 59	16 11	1 15	3 37	0 48	17 6	0 7	14 46	8 13	16 48	16 46	19 2	14 17	7 32
W 3	17 34	5 58	3 22	21 18	0 54	14 21	1 29	22 49	0 5	13 52	0 59	16 13	1 16	3 38	0 48	17 6	0 7	14 47	8 12	16 48	16 47	19 2	14 18	7 32
T 4	17 19	1 10	4 16	21 2	1 3	13 56	1 29	22 54	0 4	13 54	0 59	16 14	1 16	3 38	0 48	17 5	0 7	14 47	8 12	16 48	16 47	19 1	14 18	7 32
F 5	17 3	3n33	4 53	20 43	1 11	13 30	1 29	22 58	0 3	13 56	0 58	16 16	1 16	3 39	0 48	17 5	0 7	14 47	8 12	16 48	16 48	19 1	14 19	7 32
S 6	16 46	7 56	5 14	20 21	1 18	13 4	1 29	23 2	0 3	13 58	0 58	16 17	1 16	3 40	0 48	17 4	0 7	14 47	8 11	16 48	16 49	19 0	14 20	7 32
S 7	16 30	11 49	5 17	19 57	1 24	12 38	1 28	23 6	0 2	14 0	0 58	16 19	1 16	3 40	0 48	17 3	0 7	14 48	8 11	16 48	16 50	18 59	14 21	7 31
M 8	16 13	15 5	5 6	19 31	1 30	12 11	1 28	23 10	0 1	14 2	0 58	16 20	1 16	3 41	0 48	17 3	0 7	14 48	8 11	16 48	16 51	18 59	14 21	7 31
T 9	15 55	17 35	4 40	19 2	1 35	11 44	1 28	23 13	0n 0	14 4	0 57	16 22	1 16	3 42	0 48	17 2	0 7	14 48	8 10	16 48	16 52	18 58	14 22	7 31
W10	15 38	19 17	4 3	18 31	1 38	11 17	1 27	23 16	0 1	14 6	0 57	16 23	1 16	3 42	0 48	17 2	0 7	14 48	8 10	16 48	16 53	18 58	14 23	7 31
T 11	15 20	20 6	3 15	17 58	1 41	10 49	1 27	23 19	0 2	14 8	0 57	16 25	1 16	3 43	0 48	17 1	0 7	14 49	8 10	16 48	16 54	18 57	14 23	7 30
F 12	15 2	20 1	2 20	17 24	1 44	10 22	1 26	23 22	0 3	14 10	0 57	16 26	1 16	3 44	0 48	17 0	0 7	14 49	8 9	16 47	16 55	18 57	14 24	7 30
S 13	14 44	19 3	1 18	16 47	1 45	9 54	1 26	23 25	0 4	14 12	0 56	16 28	1 16	3 45	0 48	17 0	0 7	14 49	8 9	16 47	16 56	18 56	14 25	7 30
S 14	14 26	17 15	0 14	16 10	1 46	9 25	1 25	23 27	0 5	14 14	0 56	16 29	1 17	3 45	0 48	16 59	0 7	14 50	8 9	16 47	16 57	18 55	14 26	7 29
M15	14 7	14 43	0n52	15 30	1 46	8 57	1 24	23 29	0 5	14 17	0 56	16 31	1 17	3 46	0 48	16 58	0 7	14 50	8 8	16 47	16 57	18 55	14 26	7 29
T 16	13 48	11 32	1 56	14 50	1 45	8 28	1 24	23 32	0 6	14 19	0 56	16 32	1 17	3 47	0 48	16 58	0 7	14 50	8 8	16 47	16 58	18 54	14 27	7 29
W17	13 29	7 51	2 55	14 9	1 44	7 59	1 23	23 33	0 7	14 21	0 56	16 34	1 17	3 48	0 48	16 57	0 7	14 50	8 8	16 48	16 59	18 54	14 28	7 29
T 18	13 10	3 48	3 47	13 26	1 42	7 29	1 22	23 35	0 8	14 24	0 55	16 35	1 17	3 49	0 48	16 57	0 7	14 51	8 7	16 48	17 0	18 53	14 28	7 28
F 19	12 51	0s28	4 29	12 43	1 40	7 0	1 21	23 37	0 9	14 26	0 55	16 36	1 17	3 50	0 48	16 56	0 7	14 51	8 7	16 49	17 1	18 52	14 29	7 28
S 20	12 31	4 47	4 59	11 59	1 37	6 30	1 20	23 38	0 10	14 28	0 55	16 38	1 17	3 50	0 48	16 55	0 7	14 51	8 7	16 49	17 2	18 52	14 30	7 27
S 21	12 11	8 58	5 15	11 15	1 34	6 0	1 19	23 39	0 11	14 31	0 55	16 39	1 17	3 51	0 48	16 55	0 7	14 52	8 6	16 50	17 3	18 51	14 31	7 27
M22	11 51	12 49	5 14	10 30	1 30	5 30	1 18	23 40	0 12	14 33	0 54	16 41	1 17	3 52	0 48	16 54	0 7	14 52	8 6	16 50	17 4	18 50	14 31	7 27
T 23	11 31	16 7	4 56	9 45	1 26	5 0	1 16	23 41	0 13	14 36	0 54	16 42	1 17	3 53	0 48	16 54	0 7	14 52	8 6	16 50	17 5	18 50	14 32	7 26
W24	11 10	18 35	4 21	9 0	1 21	4 30	1 15	23 41	0 14	14 39	0 54	16 43	1 17	3 54	0 48	16 53	0 7	14 53	8 5	16 50	17 5	18 49	14 33	7 26
T 25	10 49	19 58	3 29	8 14	1 16	3 59	1 14	23 42	0 15	14 41	0 54	16 45	1 17	3 55	0 48	16 52	0 7	14 53	8 5	16 49	17 6	18 49	14 33	7 26
F 26	10 29	20 4	2 23	7 28	1 11	3 29	1 12	23 42	0 16	14 44	0 54	16 46	1 17	3 56	0 48	16 52	0 7	14 53	8 5	16 49	17 7	18 48	14 34	7 25
S 27	10 8	18 47	1 5	6 42	1 5	2 58	1 11	23 42	0 17	14 46	0 53	16 48	1 17	3 57	0 48	16 51	0 7	14 54	8 4	16 49	17 8	18 47	14 35	7 25
S 28	9 47	16 11	0s17	5 56	0 59	2 28	1 9	23 42	0 18	14 49	0 53	16 49	1 17	3 57	0 48	16 51	0 7	14 54	8 4	16 49	17 9</			



SWISS EPHEMERIS for the year 1757

SEPTEMBER 1757

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁	♁
T 1	22 41 16	8♎38'10	15°15'	24♎ 1	1♌23	6♉31	13♌15	17°R18	21°R44	13♌51	18♂ 7	13°R17	12♌ 1	2♌57	20°R15	
F 2	22 45 13	9°36'20	29° 6	25°39	2°37	7° 8	13°24	17♌14	21♂42	13°54	18° 7	13♌13	11°58	3° 3	20♂13	
S 3	22 49 10	10°34'32	12♉31	27°16	3°50	7°45	13°33	17°10	21°40	13°56	18° 7	13°10	11°55	3°10	20°12	
S 4	22 53 6	11°32'46	25°29	28°51	5° 4	8°22	13°42	17° 6	21°37	13°58	18° 7	13° 8	11°52	3°17	20°10	
M 5	22 57 3	12°31'02	8♎ 4	0♌25	6°17	8°59	13°51	17° 2	21°35	14° 0	18° 7	13°D 7	11°48	3°23	20° 8	
T 6	23 0 59	13°29'20	20°21	1°59	7°31	9°36	14° 0	16°58	21°33	14° 2	18° 8	13° 7	11°45	3°30	20° 7	
W 7	23 4 56	14°27'40	2♉22	3°31	8°45	10°13	14°10	16°54	21°30	14° 4	18° 8	13° 8	11°42	3°37	20° 5	
T 8	23 8 52	15°26'03	14°15	5° 1	9°58	10°49	14°19	16°51	21°28	14° 6	18° 8	13°10	11°39	3°43	20° 4	
F 9	23 12 49	16°24'27	26° 2	6°31	11°12	11°26	14°29	16°47	21°26	14° 8	18° 8	13°11	11°36	3°50	20° 3	
S 10	23 16 45	17°22'53	7♌50	8° 0	12°25	12° 2	14°39	16°44	21°23	14° 9	18° 9	13°R12	11°32	3°56	20° 1	
S 11	23 20 42	18°21'22	19°41	9°27	13°39	12°38	14°48	16°40	21°21	14°11	18° 9	13°12	11°29	4° 3	20° 0	
M12	23 24 39	19°19'52	1♎38	10°53	14°52	13°14	14°58	16°37	21°18	14°13	18°10	13°11	11°26	4°10	19°59	
T 13	23 28 35	20°18'25	13°46	12°18	16° 6	13°50	15° 8	16°33	21°16	14°15	18°10	13° 7	11°23	4°16	19°58	
W14	23 32 32	21°16'59	26° 4	13°42	17°19	14°26	15°18	16°30	21°14	14°17	18°10	13° 2	11°20	4°23	19°57	
T 15	23 36 28	22°15'35	8♌34	15° 5	18°33	15° 2	15°29	16°27	21°11	14°19	18°11	12°56	11°17	4°30	19°56	
F 16	23 40 25	23°14'13	21°17	16°26	19°46	15°38	15°39	16°24	21° 9	14°21	18°12	12°49	11°13	4°36	19°55	
S 17	23 44 21	24°12'53	4♎14	17°46	21° 0	16°13	15°49	16°21	21° 6	14°23	18°12	12°42	11°10	4°43	19°55	
S 18	23 48 18	25°11'35	17°23	19° 5	22°13	16°48	16° 0	16°18	21° 4	14°24	18°13	12°35	11° 7	4°50	19°54	
M19	23 52 14	26°10'19	0♌45	20°22	23°27	17°23	16°10	16°15	21° 2	14°26	18°13	12°31	11° 4	4°56	19°53	
T 20	23 56 11	27° 9'04	14°21	21°38	24°40	17°59	16°21	16°12	20°59	14°28	18°14	12°28	11° 1	5° 3	19°53	
W21	0 0 8	28° 7'51	28°10	22°52	25°53	18°33	16°32	16° 9	20°57	14°30	18°15	12°D27	10°57	5°10	19°52	
T 22	0 4 4	29° 6'40	12♉13	24° 5	27° 7	19° 8	16°42	16° 6	20°54	14°31	18°15	12°28	10°54	5°16	19°52	
F 23	0 8 1	0♌ 5'30	26°29	25°15	28°20	19°43	16°53	16° 4	20°52	14°33	18°16	12°29	10°51	5°23	19°52	
S 24	0 11 57	1° 4'23	10♌55	26°25	29°34	20°17	17° 4	16° 1	20°50	14°35	18°17	12°R30	10°48	5°29	19°51	
S 25	0 15 54	2° 3'16	25°30	27°32	0♎47	20°52	17°15	15°59	20°47	14°36	18°18	12°29	10°45	5°36	19°51	
M26	0 19 50	3° 2'12	10♎ 8	28°37	2° 0	21°26	17°26	15°56	20°45	14°38	18°19	12°26	10°42	5°43	19°51	
T 27	0 23 47	4° 1'10	24°44	29°39	3°14	22° 0	17°38	15°54	20°43	14°39	18°20	12°21	10°38	5°49	19°D51	
W28	0 27 43	5° 0'09	9♎ 9	0♎40	4°27	22°34	17°49	15°52	20°40	14°41	18°21	12°14	10°35	5°56	19°51	
T 29	0 31 40	5°59'11	23°19	1°37	5°40	23° 8	18° 0	15°50	20°38	14°43	18°22	12° 6	10°32	6° 3	19°51	
F 30	0 35 37	6♌58'15	7♉ 8	2♎32	6♎53	23♉41	18♎12	15♌48	20♎36	14♌44	18♂22	11♌56	10♎29	6♎ 9	19♉52	

Day	☉			☽			♀		♁		♂		♃		♅		♁		♁		♁		♁	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	decl	lat
T 1	8n21	1n45	4s38	2n53	0n33	0n24	1n 2	23n40	0n22	15s 0	0n52	16s54	1s17	4s 1	0s48	16n48	0n 7	14s56	8n 2	16n51	17n13	18n44	14s38	7n23
F 2	7 59	6 25	5 5	2 8	0 26	0s 7	1 0	23 39	0 23	15 3	0 52	16 55	1 17	4 2	0 48	16 48	0 7	14 56	8 2	16 52	17 14	18 43	14 39	7 22
S 3	7 37	10 37	5 14	1 23	0 19	0 38	0 58	23 38	0 24	15 6	0 52	16 56	1 17	4 3	0 48	16 47	0 7	14 56	8 2	16 53	17 14	18 43	14 40	7 22
S 4	7 15	14 11	5 7	0 38	0 12	1 9	0 56	23 37	0 25	15 9	0 52	16 58	1 17	4 4	0 48	16 46	0 7	14 57	8 1	16 54	17 15	18 42	14 40	7 21
M 5	6 52	16 59	4 45	0s 6	0 4	1 40	0 54	23 35	0 26	15 12	0 52	16 59	1 18	4 5	0 48	16 46	0 7	14 57	8 1	16 54	17 16	18 41	14 41	7 21
T 6	6 30	18 57	4 10	0 50	0s 3	2 11	0 52	23 34	0 27	15 15	0 51	17 0	1 18	4 6	0 48	16 45	0 7	14 57	8 1	16 54	17 17	18 41	14 42	7 20
W 7	6 7 20	1 3 25	1 34	0 11	2 42	0 50	23 32	0 28	15 18	0 51	17 1	1 18	4 7	0 48	16 45	0 7	14 58	8 0	16 54	17 18	18 40	14 43	7 20	
T 8	5 45	20 11	2 32	2 17	0 19	3 13	0 48	23 30	0 29	15 21	0 51	17 2	1 18	4 8	0 48	16 44	0 7	14 58	8 0	16 53	17 19	18 39	14 43	7 19
F 9	5 22	19 27	1 33	3 0	0 26	3 44	0 46	23 28	0 30	15 24	0 51	17 3	1 18	4 9	0 48	16 44	0 7	14 59	8 0	16 53	17 20	18 38	14 44	7 19
S 10	4 59	17 52	0 29	3 42	0 34	4 15	0 43	23 26	0 31	15 27	0 51	17 5	1 18	4 10	0 48	16 43	0 7	14 59	7 59	16 52	17 21	18 38	14 44	7 18
S 11	4 37	15 30	0n35	4 24	0 42	4 46	0 41	23 24	0 32	15 30	0 50	17 6	1 18	4 10	0 48	16 43	0 7	14 59	7 59	16 53	17 21	18 37	14 45	7 18
M12	4 14	12 27	1 39	5 5	0 50	5 16	0 39	23 21	0 33	15 33	0 50	17 7	1 18	4 11	0 48	16 42	0 7	15 0	7 58	16 53	17 22	18 36	14 46	7 18
T 13	3 51	8 50	2 39	5 46	0 58	5 47	0 36	23 19	0 34	15 36	0 50	17 8	1 18	4 12	0 48	16 41	0 7	15 0	7 58	16 54	17 23	18 36	14 46	7 17
W14	3 28	4 49	3 32	6 26	1 6	6 18	0 34	23 16	0 35	15 39	0 50	17 9	1 18	4 13	0 48	16 41	0 7	15 1	7 58	16 55	17 24	18 35	14 47	7 17
T 15	3 4 0	31 4 16	7 5	1 14	6 48	0 31	23 13	0 36	15 42	0 50	17 10	1 18	4 14	0 48	16 40	0 7	15 1	7 57	16 57	17 25	18 34	14 48	7 16	
F 16	2 41	3s52	4 48	7 44	1 22	7 18	0 29	23 10	0 37	15 45	0 50	17 11	1 18	4 15	0 48	16 40	0 7	15 1	7 57	16 59	17 26	18 33	14 48	7 15
S 17	2 18	8 8	5 6	8 22	1 30	7 48	0 26	23 7	0 38	15 48	0 49	17 11	1 18	4 16	0 48	16 39	0 7	15 2	7 57	17 1	17 27	18 33	14 49	7 15
S 18	1 55	12 6	5 8	8 59	1 37	8 18	0 23	23 4	0 39	15 52	0 49	17 12	1 18	4 17	0 48	16 39	0 7	15 2	7 56	17 3	17 28	18 32	14 50	7 14
M19	1 31	15 32	4 54	9 35	1 45	8 48	0 21	23 0	0 41	15 55	0 49	17 13	1 18	4 18	0 48	16 38	0 7	15 3	7 56	17 4	17 28	18 31	14 50	7 14
T 20	1 8	18 12	4 23	10 11	1 53	9 17	0 18	22 57	0 42	15 58	0 49	17 14	1 17	4 19	0 48	16 38	0 7	15 3	7 56	17 5	17 29	18 31	14 51	7 13
W21	0 45	19 51	3 37	10 46	2 0	9 47	0 15	22 53	0 43	16 1	0 49	17 15	1 17	4 20	0 48	16 37	0 7	15 3	7 55	17 5	17 30	18 30	14 51	7 13
T 22	0 21	20 19	2 36	11 20	2 8	10 16	0 12	22 50	0 44	16 4	0 49	17 16	1 17	4 21	0 48	16 37	0 7	15 4	7 55	17 5	17 31	18 29	14 52	7 12
F 23	0s 2	19 29	1 26	11 53	2 15	10 45	0 10	22 46	0 45	16 8	0 48	17 16	1 17	4 22	0 48	16 36	0 7	15 4	7 55	17 5	17 32	18 28	14 52	7 12
S 24	0 26	17 23	0 9	12 24	2 22	11 13	0 7	22 42	0 46	16 11	0 48	17 17	1 17	4 23	0 48	16 36	0 7	15 5	7 54	17 5	17 33	18 27	14 53	7 11
S 25	0 49	14 8	1s10	12 55	2 29	11 42	0 4	22 38	0 47	16 14	0 48	17 18	1 17	4 24	0 48	16 35	0 7	15 5	7 54	17 5	17 34	18 27	14 54	7 11
M26	1 13	9 59	2 23	13 25	2 35	12 10	0 1	22 33	0 48	16 18	0 48	17 19	1 17	4 25	0 48	16 35	0 8	15 6	7 54	17 5	17 35	18 26	14 54	7 10
T 27	1 36	5 16	3 27	13 53	2 42	12 38	0s 2	22 29	0 50	16 21	0 48	17 19	1 17	4 25	0 48	16 35	0 8	15 6	7 53	17 7	17 35	18 25	14 55	7 10
W28	1 59	0 18	4 17	14 20	2 48	13 6	0 5	22 25	0 51	16 24	0 48	17 20	1 17	4 26	0 48	16 34	0 8	15 6	7 53	17 9	17 36	18 24	14 55	7 9
T 29	2 23	4n35	4 50	14 46	2 54	13 33	0 8	22 20	0 52	16 27	0 47	17 20	1											

SWISS EPHEMERIS for the year 1757

OCTOBER 1757

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁
S 1	0 39 33	7♄57'21	20♃32	3♋24	8♋ 7	24♄15	18♋23	15°R46	20°R33	14♌46	18♌24	11°R48	10♌26	6♌16	19♌52
S 2	0 43 30	8°56'29	3♋33	4°13	9°20	24°48	18°35	15°R44	20°R31	14°47	18°25	11°R41	10°23	6°23	19°52
M 3	0 47 26	9°55'40	16°10	4°57	10°33	25°21	18°46	15°42	20°29	14°49	18°26	11°36	10°19	6°29	19°53
T 4	0 51 23	10°54'53	28°28	5°38	11°46	25°54	18°58	15°41	20°27	14°50	18°27	11°33	10°16	6°36	19°53
W 5	0 55 19	11°54'08	10♄30	6°15	12°59	26°27	19°10	15°39	20°25	14°51	18°28	11°D32	10°13	6°43	19°54
T 6	0 59 16	12°53'25	22°22	6°46	14°12	26°59	19°22	15°38	20°22	14°53	18°29	11°32	10°10	6°49	19°55
F 7	1 3 12	13°52'45	4♌01	7°13	15°26	27°32	19°34	15°37	20°20	14°54	18°30	11°33	10° 7	6°56	19°55
S 8	1 7 9	14°52'08	15°59	7°33	16°39	28° 4	19°46	15°35	20°18	14°55	18°31	11°R33	10° 3	7° 3	19°56
S 9	1 11 5	15°51'32	27°53	7°48	17°52	28°36	19°58	15°34	20°16	14°57	18°33	11°32	10° 0	7° 9	19°57
M10	1 15 2	16°50'59	9♎57	7°56	19° 5	29° 8	20°10	15°33	20°14	14°58	18°34	11°28	9°57	7°16	19°58
T 11	1 18 59	17°50'28	22°14	7°R57	20°18	29°40	20°22	15°32	20°12	14°59	18°35	11°21	9°54	7°22	19°59
W12	1 22 55	18°49'59	4♌47	7°50	21°31	0♌12	20°34	15°31	20°10	15° 0	18°37	11°12	9°51	7°29	20° 0
T 13	1 26 52	19°49'32	17°36	7°35	22°44	0°43	20°46	15°31	20° 8	15° 2	18°38	11° 1	9°48	7°36	20° 1
F 14	1 30 48	20°49'07	0♋41	7°11	23°57	1°14	20°59	15°30	20° 6	15° 3	18°39	10°49	9°44	7°42	20° 3
S 15	1 34 45	21°48'44	14° 1	6°39	25°10	1°45	21°11	15°29	20° 4	15° 4	18°41	10°37	9°41	7°49	20° 4
S 16	1 38 41	22°48'23	27°33	5°58	26°23	2°16	21°24	15°29	20° 2	15° 5	18°42	10°27	9°38	7°56	20° 5
M17	1 42 38	23°48'05	11♌14	5° 9	27°36	2°46	21°36	15°29	20° 0	15° 6	18°44	10°18	9°35	8° 2	20° 7
T 18	1 46 34	24°47'48	25° 4	4°12	28°49	3°17	21°49	15°28	19°58	15° 7	18°45	10°12	9°32	8° 9	20° 9
W19	1 50 31	25°47'32	9♄ 2	3° 8	0♌ 2	3°47	22° 1	15°28	19°56	15° 8	18°47	10° 9	9°29	8°16	20°10
T 20	1 54 28	26°47'19	23° 1	1°58	1°15	4°17	22°14	15°D28	19°55	15° 9	18°48	10°D 8	9°25	8°22	20°12
F 21	1 58 24	27°47'07	7♌ 7	0°44	2°27	4°47	22°26	15°28	19°53	15°10	18°50	10°R 8	9°22	8°29	20°14
S 22	2 2 21	28°46'56	21°16	29♌28	3°40	5°16	22°39	15°28	19°51	15°11	18°51	10° 8	9°19	8°36	20°16
S 23	2 6 17	29°46'48	5♌28	28°12	4°53	5°45	22°52	15°29	19°49	15°12	18°53	10° 6	9°16	8°42	20°18
M24	2 10 14	0♋46'40	19°40	26°59	6° 6	6°14	23° 5	15°29	19°48	15°13	18°55	10° 2	9°13	8°49	20°20
T 25	2 14 10	1°46'35	3♏49	25°50	7°18	6°43	23°17	15°30	19°46	15°13	18°56	9°54	9° 9	8°55	20°22
W26	2 18 7	2°46'31	17°51	24°48	8°31	7°12	23°30	15°30	19°45	15°14	18°58	9°44	9° 6	9° 2	20°24
T 27	2 22 3	3°46'30	1♌41	23°55	9°44	7°40	23°43	15°31	19°43	15°15	19° 0	9°32	9° 3	9° 9	20°26
F 28	2 26 0	4°46'30	15°15	23°12	10°56	8° 8	23°56	15°32	19°42	15°16	19° 1	9°19	9° 0	9°15	20°28
S 29	2 29 57	5°46'32	28°31	22°40	12° 9	8°36	24° 9	15°33	19°40	15°16	19° 3	9° 6	8°57	9°22	20°31
S 30	2 33 53	6°46'36	11♋25	22°20	13°21	9° 3	24°22	15°34	19°39	15°17	19° 5	8°56	8°54	9°29	20°33
M31	2 37 50	7♋46'43	24♋ 0	22°D11	14♌34	9♌31	24♋35	15°R35	19°R37	15♌17	19°R 7	8♌47	8♌50	9♌35	20°R36

Day	☉		☽		♀		♁		♂		♃		♅		♁		♁		♁		♁			
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat		
S 1	3s10	13n 3	5s 2	15s33	3s 4	14s27	0s14	22n11	0n54	16s34	0n47	17s22	1s17	4s29	0s48	16n33	0n 8	15s 8	7n52	17n16	17n39	18n22	14s57	7n 8
S 2	3 33	16 14	4 44	15 54	3 9	14 53	0 17	22 6	0 56	16 37	0 47	17 22	1 17	4 30	0 48	16 32	0 8	15 8	7 51	17 18	17 40	18 21	14 57	7 7
M 3	3 36	18 34	4 12	16 13	3 13	15 19	0 20	22 1	0 57	16 41	0 47	17 22	1 17	4 31	0 48	16 32	0 8	15 8	7 51	17 20	17 41	18 20	14 58	7 7
T 4	4 19	19 58	3 30	16 30	3 16	15 45	0 23	21 57	0 58	16 44	0 47	17 23	1 17	4 32	0 48	16 32	0 8	15 9	7 51	17 20	17 41	18 20	14 58	7 6
W 5	4 43	20 25	2 38	16 45	3 19	16 10	0 26	21 52	0 59	16 47	0 47	17 23	1 17	4 32	0 48	16 31	0 8	15 9	7 50	17 21	17 42	18 19	14 58	7 5
T 6	5 6	19 57	1 41	16 58	3 21	16 35	0 29	21 46	1 0	16 51	0 46	17 24	1 17	4 33	0 48	16 31	0 8	15 10	7 50	17 21	17 43	18 18	14 59	7 5
F 7	5 29	18 36	0 39	17 8	3 23	16 59	0 32	21 41	1 2	16 54	0 46	17 24	1 17	4 34	0 48	16 30	0 8	15 10	7 50	17 20	17 44	18 17	14 59	7 4
S 8	5 52	16 27	0n24	17 15	3 23	17 23	0 35	21 36	1 3	16 57	0 46	17 24	1 17	4 35	0 48	16 30	0 8	15 11	7 49	17 20	17 45	18 16	15 0	7 4
S 9	6 15	13 34	1 26	17 19	3 23	17 47	0 38	21 31	1 4	17 1	0 46	17 25	1 17	4 36	0 48	16 30	0 8	15 11	7 49	17 21	17 46	18 16	15 0	7 3
M10	6 38	10 6	2 25	17 20	3 21	18 10	0 41	21 25	1 6	17 4	0 46	17 25	1 17	4 37	0 48	16 29	0 8	15 11	7 49	17 22	17 47	18 15	15 1	7 3
T 11	7 1	6 8	3 19	17 18	3 18	18 33	0 44	21 20	1 7	17 8	0 46	17 25	1 17	4 37	0 48	16 29	0 8	15 12	7 49	17 24	17 47	18 14	15 1	7 2
W12	7 23	1 50	4 4	17 12	3 14	18 55	0 47	21 15	1 8	17 11	0 46	17 25	1 17	4 38	0 48	16 29	0 8	15 12	7 48	17 26	17 48	18 13	15 1	7 2
T 13	7 46	2s38	4 37	17 2	3 9	19 17	0 50	21 9	1 9	17 14	0 46	17 26	1 17	4 39	0 48	16 28	0 8	15 13	7 48	17 29	17 49	18 12	15 2	7 1
F 14	8 8	7 5	4 57	16 47	3 2	19 38	0 53	21 4	1 11	17 18	0 45	17 26	1 17	4 40	0 48	16 28	0 8	15 13	7 48	17 32	17 50	18 11	15 2	7 1
S 15	8 31	11 16	5 1	16 28	2 53	19 59	0 56	20 58	1 12	17 21	0 45	17 26	1 17	4 40	0 48	16 28	0 8	15 14	7 47	17 36	17 51	18 10	15 2	7 0
S 16	8 53	14 57	4 49	16 5	2 42	20 19	0 59	20 52	1 13	17 24	0 45	17 26	1 17	4 41	0 48	16 27	0 8	15 14	7 47	17 39	17 52	18 10	15 3	7 0
M17	9 15	17 52	4 20	15 36	2 30	20 39	1 2	20 47	1 15	17 28	0 45	17 26	1 16	4 42	0 48	16 27	0 8	15 14	7 47	17 41	17 53	18 9	15 3	6 59
T 18	9 37	19 48	3 35	15 4	2 16	20 58	1 4	20 41	1 16	17 31	0 45	17 26	1 16	4 43	0 48	16 27	0 8	15 15	7 46	17 42	17 53	18 8	15 3	6 59
W19	9 59	20 33	2 37	14 27	2 0	21 17	1 7	20 35	1 17	17 34	0 45	17 26	1 16	4 43	0 48	16 27	0 8	15 15	7 46	17 43	17 54	18 7	15 4	6 58
T 20	10 20	20 2	1 29	13 46	1 42	21 35	1 10	20 29	1 19	17 38	0 45	17 26	1 16	4 44	0 48	16 26	0 8	15 16	7 46	17 44	17 55	18 6	15 4	6 57
F 21	10 42	18 16	0 16	13 3	1 23	21 52	1 13	20 24	1 20	17 41	0 45	17 26	1 16	4 45	0 48	16 26	0 8	15 16	7 45	17 44	17 56	18 5	15 4	6 57
S 22	11 3	15 21	0s59	12 17	1 3	22 9	1 16	20 18	1 22	17 44	0 44	17 26	1 16	4 45	0 48	16 26	0 8	15 16	7 45	17 44	17 57	18 4	15 4	6 56
S 23	11 25	11 32	2 10	11 31	0 43	22 26	1 19	20 12	1 23	17 48	0 44	17 26	1 16	4 46	0 48	16 26	0 8	15 17	7 45	17 44	17 58	18 4	15 5	6 56
M24	11 46	7 3	3 13	10 45	0 22	22 41	1 21	20 6	1 25	17 51	0 44	17 25	1 16	4 46	0 48	16 25	0 8	15 17	7 45	17 45	17 58	18 3	15 5	6 55
T 25	12 6	2 13	4 4	10 1	0 2	22 56	1 24	20 0	1 26	17 54	0 44	17 25	1 16	4 47	0 48	16 25	0 8	15 18	7 44	17 47	17 59	18 2	15 5	6 55
W26	12 27	2n42	4 39	9 20	0n18	23 11	1 27	19 54	1 27	17 58	0 44	17 25	1 16	4 48	0 48	16 25	0 8	15 18	7 44	17 50	18 0	18 1	15 5	6 54
T 27	12 47	7 25	4 58	8 43	0 37	23 25	1 30	19 48	1 29	18 1	0 44	17 25	1 16	4 48	0 48	16 25	0 8	15 18	7 44	17 53	18 1	18 0	15 5	6 54
F 28	13 8	11 40	4 59	8 11	0 55	23 38	1 32	19 43	1 30	18 4	0 44	17 25	1 16	4 49	0 48	16 24	0 8	15 19	7 43	17 57	18 2	17 59	15 6	6 53
S 29																								

SWISS EPHEMERIS for the year 1757

NOVEMBER 1757

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	2 41 46	8♈46'51	6♌17	22♋13	15♊46	9♈58	24♈48	15♋36	19°R36	15♌18	19♊8	8°R42	8♈47	9♈42	20♋38
W 2	2 45 43	9°47'01	18°20	22°26	16°59	10°25	25° 1	15°37	19♋35	15°19	19°10	8♈39	8°44	9°49	20°41
T 3	2 49 39	10°47'14	0♈12	22°50	18°11	10°51	25°14	15°38	19°34	15°19	19°12	8°38	8°41	9°55	20°43
F 4	2 53 36	11°47'28	12° 0	23°23	19°24	11°17	25°28	15°40	19°32	15°20	19°14	8°37	8°38	10° 2	20°46
S 5	2 57 32	12°47'45	23°49	24° 4	20°36	11°43	25°41	15°42	19°31	15°20	19°16	8°37	8°34	10° 9	20°49
S 6	3 1 29	13°48'03	5♈44	24°53	21°48	12° 9	25°54	15°43	19°30	15°20	19°18	8°36	8°31	10°15	20°52
M 7	3 5 26	14°48'23	17°51	25°49	23° 0	12°34	26° 7	15°45	19°29	15°21	19°20	8°32	8°28	10°22	20°55
T 8	3 9 22	15°48'46	0♈14	26°51	24°13	12°59	26°20	15°47	19°28	15°21	19°22	8°25	8°25	10°28	20°58
W 9	3 13 19	16°49'10	12°56	27°58	25°25	13°24	26°34	15°49	19°27	15°21	19°24	8°16	8°22	10°35	21° 1
T 10	3 17 15	17°49'36	26° 0	29° 9	26°37	13°48	26°47	15°51	19°26	15°22	19°26	8° 5	8°19	10°42	21° 4
F 11	3 21 12	18°50'04	9♈24	0♈24	27°49	14°12	27° 0	15°53	19°25	15°22	19°28	7°52	8°15	10°48	21° 7
S 12	3 25 8	19°50'33	23° 7	1°42	29° 1	14°36	27°13	15°56	19°24	15°22	19°30	7°39	8°12	10°55	21°10
S 13	3 29 5	20°51'05	7♊6	3° 3	0♈13	14°59	27°27	15°58	19°23	15°22	19°32	7°28	8° 9	11° 2	21°14
M14	3 33 1	21°51'37	4°27	1°25	15°22	15°22	27°40	16° 0	19°23	15°22	19°34	7°19	8° 6	11° 8	21°17
T 15	3 36 58	22°52'11	5♋29	5°52	2°37	15°45	27°53	16° 3	19°22	15°23	19°36	7°12	8° 3	11°15	21°21
W16	3 40 55	23°52'47	19°44	7°19	3°49	16° 7	28° 7	16° 6	19°21	15°23	19°38	7° 9	8° 0	11°22	21°24
T 17	3 44 51	24°53'24	3♋57	8°48	5° 1	16°29	28°20	16° 9	19°21	15°R23	19°40	7°D 8	7°56	11°28	21°28
F 18	3 48 48	25°54'01	18° 6	10°17	6°12	16°50	28°34	16°11	19°20	15°23	19°42	7° 8	7°53	11°35	21°31
S 19	3 52 44	26°54'40	2♈10	11°47	7°24	17°11	28°47	16°14	19°20	15°23	19°44	7°R 8	7°50	11°42	21°35
S 20	3 56 41	27°55'20	16° 8	13°18	8°36	17°32	29° 0	16°17	19°19	15°23	19°46	7° 7	7°47	11°48	21°39
M21	4 0 37	28°56'01	29°59	14°50	9°47	17°52	29°14	16°21	19°19	15°22	19°48	7° 3	7°44	11°55	21°42
T 22	4 4 34	29°56'43	13°Y43	16°22	10°59	18°12	29°27	16°24	19°19	15°22	19°50	6°57	7°40	12° 2	21°46
W23	4 8 30	0♈57'27	27°18	17°55	12°10	18°32	29°40	16°27	19°18	15°22	19°53	6°48	7°37	12° 8	21°50
T 24	4 12 27	1°58'11	10♋43	19°28	13°21	18°51	29°54	16°31	19°18	15°22	19°55	6°37	7°34	12°15	21°54
F 25	4 16 24	2°58'57	23°55	21° 1	14°33	19° 9	0♈7	16°34	19°18	15°22	19°57	6°25	7°31	12°21	21°58
S 26	4 20 20	3°59'44	6♈52	22°34	15°44	19°27	0°21	16°38	19°18	15°21	19°59	6°14	7°28	12°28	22° 2
S 27	4 24 17	5° 0'32	19°33	24° 7	16°55	19°45	0°34	16°41	19°18	15°21	20° 1	6° 4	7°25	12°35	22° 6
M28	4 28 13	6° 1'21	1♋59	25°41	18° 6	20° 2	0°47	16°45	19°D17	15°21	20° 3	5°56	7°21	12°41	22°10
T 29	4 32 10	7° 2'12	14°11	27°14	19°17	20°19	1° 1	16°49	19°17	15°20	20° 6	5°51	7°18	12°48	22°14
W30	4 36 6	8♊3'04	26♌11	28♈48	20♋28	20♈35	1♈14	16°53	19♋18	15♌20	20♊8	5♈49	7♈15	12♈55	22♋18

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	14s27	20n37	2s42	7s 0	1n48	24s24	1s42	19n19	1n36	18s17	0n43	17s23	1s16	4s51	0s47
W 2	14 46	20 28	1 45	6 57	1 57	24 34	1 44	19 14	1 38	18 21	0 43	17 23	1 16	4 51	0 47
T 3	15 5	19 24	0 45	6 59	2 4	24 43	1 47	19 8	1 40	18 24	0 43	17 22	1 16	4 52	0 47
F 4	15 23	17 30	0n18	7 6	2 9	24 51	1 49	19 2	1 41	18 27	0 43	17 22	1 15	4 52	0 47
S 5	15 42	14 51	1 20	7 17	2 13	24 59	1 51	18 56	1 43	18 30	0 43	17 21	1 15	4 53	0 47
S 6	16 0	11 34	2 18	7 33	2 16	25 6	1 53	18 51	1 44	18 34	0 43	17 21	1 15	4 53	0 47
M 7	16 18	7 45	3 12	7 52	2 17	25 12	1 55	18 45	1 46	18 37	0 43	17 20	1 15	4 53	0 47
T 8	16 36	3 32	3 57	8 14	2 17	25 18	1 58	18 40	1 48	18 40	0 43	17 19	1 15	4 54	0 47
W 9	16 53	0s56	4 32	8 38	2 16	25 23	1 59	18 34	1 49	18 43	0 43	17 19	1 15	4 54	0 47
T 10	17 10	5 29	4 54	9 5	2 15	25 27	2 1	18 29	1 51	18 46	0 43	17 18	1 15	4 55	0 47
F 11	17 27	9 53	5 1	9 34	2 12	25 30	2 3	18 23	1 53	18 49	0 42	17 17	1 15	4 55	0 47
S 12	17 43	13 54	4 50	10 4	2 9	25 33	2 5	18 18	1 54	18 53	0 42	17 17	1 15	4 55	0 47
S 13	17 59	17 13	4 22	10 35	2 5	25 35	2 7	18 13	1 56	18 56	0 42	17 16	1 15	4 55	0 47
M14	18 15	19 33	3 38	11 7	2 1	25 36	2 8	18 8	1 58	18 59	0 42	17 15	1 15	4 56	0 47
T 15	18 31	20 42	2 39	11 40	1 56	25 36	2 10	18 2	2 0	19 2	0 42	17 14	1 15	4 56	0 47
W16	18 46	20 31	1 31	12 14	1 51	25 36	2 11	17 57	2 1	19 5	0 42	17 13	1 15	4 56	0 47
T 17	19 1	19 1	0 17	12 47	1 45	25 35	2 12	17 53	2 3	19 8	0 42	17 12	1 15	4 56	0 47
F 18	19 15	16 21	0s58	13 21	1 39	25 33	2 14	17 48	2 5	19 11	0 42	17 11	1 15	4 57	0 47
S 19	19 29	12 43	2 9	13 55	1 33	25 30	2 15	17 43	2 7	19 14	0 42	17 11	1 15	4 57	0 47
S 20	19 43	8 25	3 12	14 28	1 27	25 27	2 16	17 38	2 9	19 17	0 42	17 10	1 15	4 57	0 47
M21	19 57	3 43	4 3	15 2	1 20	25 23	2 17	17 34	2 11	19 20	0 42	17 9	1 15	4 57	0 47
T 22	20 10	1n 8	4 39	15 35	1 14	25 18	2 18	17 30	2 13	19 23	0 42	17 8	1 14	4 57	0 47
W23	20 23	5 52	4 59	16 7	1 7	25 13	2 19	17 25	2 14	19 26	0 42	17 6	1 14	4 57	0 47
T 24	20 35	10 16	5 2	16 39	1 0	25 7	2 19	17 21	2 16	19 29	0 41	17 5	1 14	4 57	0 46
F 25	20 47	14 6	4 49	17 11	0 53	25 0	2 20	17 17	2 18	19 32	0 41	17 4	1 14	4 57	0 46
S 26	20 58	17 11	4 21	17 42	0 46	24 52	2 21	17 13	2 20	19 34	0 41	17 3	1 14	4 57	0 46
S 27	21 10	19 23	3 41	18 12	0 39	24 44	2 21	17 10	2 22	19 37	0 41	17 2	1 14	4 57	0 46
M28	21 20	20 37	2 51	18 41	0 32	24 35	2 21	17 6	2 24	19 40	0 41	17 1	1 14	4 57	0 46
T 29	21 31	20 50	1 53	19 10	0 25	24 25	2 22	17 3	2 26	19 43	0 41	17 0	1 14	4 57	0 46
W30	21s41	20n 6	0s51	19s38	0n18	24s15	2s22	16n59	2n28	19s46	0n41	16s58	1s14	4s57	0s46

Julian Day Number = 2363095.5, Delta T = 14.14 sec  
 Ecliptic obliquity = 23°28'09", Nutation = - 0°00'15"  
 Ayanamsha: Fagan/Bradley = 21°21'34", Lahiri = 20°28'34"Greg. Calendar

SWISS EPHEMERIS for the year 1757

DECEMBER 1757

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♄	♃	♁	♂	♄	♃	♁	♂	♄
T 1	4 40 3	9♂ 3'57	8♂ 2	0♂ 21	21♂ 38	20♂ 51	1♂ 28	16♂ 57	19♂ 18	15°R20	20♂ 10	5°D48	7♂ 12	13♂ 1	22♂ 23
F 2	4 43 59	10° 4'52	19°50	1°55	22°49	21° 6	1°41	17° 1	19°18	15♂ 19	20°12	5♂ 49	7° 9	13° 8	22°27
S 3	4 47 56	11° 5'48	1♂ 38	3°29	24° 0	21°21	1°54	17° 5	19°18	15°19	20°14	5°50	7° 6	13°15	22°31
S 4	4 51 53	12° 6'45	13°32	5° 3	25°10	21°35	2° 7	17° 9	19°18	15°18	20°17	5°R50	7° 2	13°21	22°35
M 5	4 55 49	13° 7'43	25°38	6°36	26°20	21°49	2°21	17°14	19°19	15°17	20°19	5°49	6°59	13°28	22°40
T 6	4 59 46	14° 8'42	8♂ 0	8°10	27°31	22° 2	2°34	17°18	19°19	15°17	20°21	5°46	6°56	13°35	22°44
W 7	5 3 42	15° 9'43	20°44	9°44	28°41	22°14	2°47	17°23	19°19	15°16	20°23	5°41	6°53	13°41	22°49
T 8	5 7 39	16°10'44	3♂ 52	11°18	29°51	22°26	3° 1	17°27	19°20	15°16	20°26	5°34	6°50	13°48	22°53
F 9	5 11 35	17°11'47	17°26	12°52	1♂ 1	22°38	3°14	17°32	19°20	15°15	20°28	5°26	6°46	13°54	22°58
S 10	5 15 32	18°12'51	1♂ 23	14°26	2°11	22°48	3°27	17°37	19°21	15°14	20°30	5°18	6°43	14° 1	23° 2
S 11	5 19 28	19°13'55	15°42	16° 0	3°20	22°58	3°40	17°42	19°22	15°13	20°32	5°10	6°40	14° 8	23° 7
M12	5 23 25	20°15'01	0♂ 15	17°34	4°30	23° 8	3°53	17°46	19°22	15°13	20°35	5° 4	6°37	14°14	23°12
T 13	5 27 22	21°16'07	14°56	19° 8	5°39	23°17	4° 7	17°51	19°23	15°12	20°37	5° 0	6°34	14°21	23°16
W14	5 31 18	22°17'13	29°39	20°43	6°49	23°25	4°20	17°56	19°24	15°11	20°39	4°D58	6°31	14°28	23°21
T 15	5 35 15	23°18'20	14♂ 16	22°17	7°58	23°32	4°33	18° 2	19°25	15°10	20°41	4°59	6°27	14°34	23°26
F 16	5 39 11	24°19'28	28°42	23°52	9° 7	23°39	4°46	18° 7	19°25	15° 9	20°44	5° 0	6°24	14°41	23°31
S 17	5 43 8	25°20'35	12♂ 55	25°27	10°16	23°45	4°59	18°12	19°26	15° 8	20°46	5° 1	6°21	14°48	23°36
S 18	5 47 4	26°21'42	26°54	27° 2	11°25	23°51	5°12	18°17	19°27	15° 7	20°48	5°R 2	6°18	14°54	23°40
M19	5 51 1	27°22'50	10♂ 37	28°38	12°33	23°56	5°25	18°23	19°28	15° 6	20°50	5° 1	6°15	15° 1	23°45
T 20	5 54 57	28°23'58	24° 6	0♂ 13	13°42	24° 0	5°38	18°28	19°29	15° 5	20°53	4°58	6°12	15° 8	23°50
W21	5 58 54	29°25'06	7♂ 21	1°49	14°50	24° 3	5°50	18°34	19°31	15° 4	20°55	4°54	6° 8	15°14	23°55
T 22	6 2 51	0♂ 26'14	20°22	3°25	15°58	24° 6	6° 3	18°39	19°32	15° 3	20°57	4°49	6° 5	15°21	24° 0
F 23	6 6 47	1°27'22	3♂ 11	5° 1	17° 6	24° 7	6°16	18°45	19°33	15° 2	20°59	4°42	6° 2	15°28	24° 5
S 24	6 10 44	2°28'30	15°46	6°37	18°13	24° 9	6°29	18°50	19°34	15° 1	21° 2	4°37	5°59	15°34	24°10
S 25	6 14 40	3°29'39	28°11	8°14	19°21	24°R 9	6°42	18°56	19°36	15° 0	21° 4	4°31	5°56	15°41	24°15
M26	6 18 37	4°30'48	10♂ 23	9°51	20°28	24° 8	6°54	19° 2	19°37	14°59	21° 6	4°28	5°52	15°47	24°20
T 27	6 22 33	5°31'57	22°27	11°28	21°35	24° 7	7° 7	19° 8	19°38	14°57	21° 8	4°25	5°49	15°54	24°25
W28	6 26 30	6°33'06	4♂ 22	13° 6	22°42	24° 5	7°19	19°14	19°40	14°56	21°10	4°D25	5°46	16° 1	24°30
T 29	6 30 27	7°34'15	16°11	14°44	23°49	24° 2	7°32	19°20	19°41	14°55	21°13	4°25	5°43	16° 7	24°35
F 30	6 34 23	8°35'24	27°58	16°22	24°55	23°59	7°44	19°26	19°43	14°54	21°15	4°27	5°40	16°14	24°41
S 31	6 38 20	9♂ 36'34	9♂ 46	18♂ 0	26♂ 1	23♂ 55	7♂ 57	19♂ 32	19♂ 45	14♂ 52	21♂ 17	4♂ 29	5♂ 37	16♂ 21	24♂ 46

Day	☉	☽	♀	♁	♂	♄	♃	♁	♂	♄	♃	♁	♂	♄	♃									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	21s50	18n28	0n12	20s 5	0n11	24s 4	2s22	16n56	2n30	19s49	0n41	16s57	1s14	4s57	0s46	16n24	0n 9	15s31	7n36	18n51	18n30	17n26	15s 2	6n39
F 2	21 59	16 4	1 15	20 31	0 4	23 52	2 22	16 53	2 33	19 51	0 41	16 56	1 14	4 57	0 46	16 24	0 9	15 31	7 36	18 50	18 31	17 25	15 2	6 39
S 3	22 8	13 0	2 14	20 56	0s 3	23 39	2 21	16 51	2 35	19 54	0 41	16 54	1 14	4 57	0 46	16 24	0 9	15 32	7 36	18 50	18 31	17 24	15 2	6 39
S 4	22 16	9 23	3 9	21 20	0 10	23 26	2 21	16 48	2 37	19 57	0 41	16 53	1 14	4 57	0 46	16 24	0 9	15 32	7 36	18 50	18 32	17 23	15 1	6 38
M 5	22 24	5 21	3 56	21 43	0 17	23 13	2 21	16 46	2 39	19 59	0 41	16 52	1 14	4 57	0 46	16 24	0 9	15 32	7 36	18 50	18 33	17 22	15 1	6 38
T 6	22 32	1 0	4 33	22 5	0 23	22 58	2 20	16 43	2 41	20 2	0 41	16 50	1 14	4 56	0 46	16 25	0 9	15 32	7 36	18 51	18 34	17 20	15 1	6 38
W 7	22 39	3s31	4 58	22 26	0 30	22 44	2 20	16 41	2 43	20 5	0 41	16 49	1 14	4 56	0 46	16 25	0 9	15 33	7 36	18 52	18 35	17 19	15 0	6 37
T 8	22 45	8 0	5 8	22 46	0 36	22 28	2 19	16 39	2 46	20 7	0 41	16 48	1 14	4 56	0 46	16 25	0 9	15 33	7 36	18 54	18 35	17 18	15 0	6 37
F 9	22 51	12 14	5 1	23 4	0 43	22 12	2 18	16 38	2 48	20 10	0 41	16 46	1 14	4 56	0 46	16 25	0 9	15 33	7 35	18 56	18 36	17 17	14 59	6 37
S 10	22 57	15 57	4 37	23 22	0 49	21 55	2 17	16 36	2 50	20 12	0 41	16 45	1 14	4 55	0 46	16 26	0 9	15 34	7 35	18 58	18 37	17 16	14 59	6 37
S 11	23 2 18	48 3	5 55	23 38	0 55	21 38	2 16	16 35	2 52	20 15	0 41	16 43	1 14	4 55	0 46	16 26	0 9	15 34	7 35	19 0	18 38	17 15	14 58	6 36
M12	23 7 20	31 2	5 7	23 54	1 1	21 20	2 15	16 34	2 55	20 17	0 40	16 41	1 14	4 55	0 46	16 26	0 9	15 34	7 35	19 1	18 39	17 14	14 58	6 36
T 13	23 11 20	52 1	4 7	24 7	1 6	21 2	2 13	16 33	2 57	20 20	0 40	16 40	1 14	4 55	0 46	16 26	0 9	15 34	7 35	19 2	18 39	17 13	14 57	6 36
W14	23 15 19	47 0	29 24	20 1	12	20 43	2 12	16 33	2 59	20 22	0 40	16 38	1 14	4 54	0 46	16 27	0 9	15 35	7 35	19 3	18 40	17 12	14 57	6 36
T 15	23 18 17	22 0	s0	24 32	1 17	20 24	2 10	16 33	3 1	20 25	0 40	16 37	1 13	4 54	0 46	16 27	0 9	15 35	7 35	19 3	18 41	17 11	14 56	6 35
F 16	23 21 13	54 2	5 24	42 1	22	20 4	2 8	16 32	3 4	20 27	0 40	16 35	1 13	4 53	0 46	16 27	0 9	15 35	7 35	19 2	18 42	17 10	14 56	6 35
S 17	23 23 9	40 3	12 24	51 1	27	19 43	2 7	16 33	3 6	20 30	0 40	16 33	1 13	4 53	0 46	16 27	0 9	15 35	7 35	19 2	18 43	17 8	14 55	6 35
S 18	23 25 4	59 4	5 24	58 1	32	19 22	2 5	16 33	3 8	20 32	0 40	16 32	1 13	4 53	0 46	16 28	0 9	15 35	7 35	19 2	18 43	17 7	14 54	6 35
M19	23 27 0	9 4	4 44	25 4	1 36	19 1	2 2	16 34	3 11	20 34	0 40	16 30	1 13	4 52	0 45	16 28	0 9	15 36	7 35	19 2	18 44	17 6	14 54	6 34
T 20	23 28 4	n37	5 6	25 9	1 41	18 39	2 0	16 35	3 13	20 37	0 40	16 28	1 13	4 52	0 45	16 28	0 9	15 36	7 34	19 3	18 45	17 5	14 53	6 34
W21	23 28 9	4 5	11 25	12 1	45	18 17	1 58	16 36	3 16	20 39	0 40	16 27	1 13	4 51	0 45	16 29	0 9	15 36	7 34	19 4	18 46	17 4	14 53	6 34
T 22	23 28 13	2 5	0 25	14 1	48	17 54	1 55	16 37	3 18	20 41	0 40	16 25	1 13	4 51	0 45	16 29	0 9	15 36	7 34	19 5	18 46	17 3	14 52	6 34
F 23	23 28 16	20 4	34 25	14 1	52	17 31	1 53	16 39	3 20	20 43	0 40	16 23	1 13	4 50	0 45	16 29	0 9	15 36	7 34	19 7	18 47	17 2	14 51	6 34
S 24	23 27 18	49 3	55 25	13 1	55	17 8	1 50	16 41	3 23	20 46	0 40	16 21	1 13	4 50	0 45	16 30	0 9	15 37	7 34	19 8	18 48	17 1	14 51	6 34
S 25	23 25 20	22 3	6 25	11 1	58	16 44	1 47	16 43	3 25	20 48	0 40	16 20	1 13	4 49	0 45	16 30	0 9	15 37	7 34	19 9	18 49	16 59	14 50	6 33
M26	23 24 20	56 2	8 25	6 2	1	16 20	1 44	16 45	3 28	20 50	0 40	16 18	1 13	4 49	0 45	16 30	0 9	15 37	7 34	19 10	18 50	16 58	14 49	6 33
T 27	23 21 20	31 1	5 25	1 2	3	15 55	1 41	16 48	3 30	20 52	0 40	16 16	1 13	4 48	0 45	16 31	0 9	15 37	7 34	19 11	18 50	16 57	14 49	6 33
W28	23 18 19	11 0	0 24	54 2	5	15 30	1 38	16 51	3 33	20 54	0 40	16 14	1 13	4 47	0 45	16 31	0 9	15 37	7 34	19 11	18 51	16 56		