

Southern Hemisphere

Leap years 2020, 2024, 2028, 2032, 2036, 2040

ST = Standard Time

DST = Daylight Savings Time

Day # (from Dec21), Day/month,

+ 1 min/- 1 min(add to or subtract from Standard Time,

= Standard time plus x minutes (shift toward or from Daylight savings time)

WS = Winter Solstice

SEQ = Spring Equinox

SS = Summer Solstice

FEQ = Fall Equinox

WINTER SOLSTICE

Day 0	June 21			WS
Day 1	June 22			
Day 2	June 23	+ 1 min	= ST + 1m	
Day 3	June 24			
Day 4	June 25			
Day 5	June 26	+ 1 min	= ST +2m	
Day 6	June 27			
Day 7	June 28			
Day 8	June 29	-+ 1 min	= ST + 3m	
Day 9	June 30			
Day 10	July 1			
Day 11	July 2	+ 1 min	= ST + 4m	
Day 12	July 3			
Day 13	July 4			
Day 14	July 5	+ 1 min	= ST + 5m	
Day 15	July 6			
Day 16	July 7			
Day 17	July 8	+ 1 min	= ST + 6m	
Day 18	July 9			
Day 19	July 10			
Day 20	July 11	+ 1 min	= ST + 7m	
Day 21	July 12			
Day 22	July 13			

Day 23	July 14	+ 1 min	= ST + 8m
Day 24	July 15		
Day 25	July 16		
Day 26	July 17	+ 1 min	= ST + 9m
Day 27	July 18		
Day 28	July 19		
Day 29	July 20	+ 1 min	= ST + 10m
Day 30	July 21		
Day 31	July 22		
Day 32	July 23	+ 1 min	= ST + 11m
Day 33	July 24		
Day 34	July 25		
Day 35	July 26	+ 1 min	= ST + 12m
Day 36	July 27		
Day 37	July 28		
Day 38	July 29	+ 1 min	= ST + 13m
Day 39	July 30		
Day 40	July 31		

Day 41	Aug 1	+ 1 min	= ST + 14m
Day 42	Aug 2		
Day 43	Aug 3		
Day 44	Aug 4	+ 1 min	= ST + 15m
Day 45	Aug 5		
Day 46	Aug 6		
Day 47	Aug 7	+ 1 min	= ST + 16m
Day 48	Aug 8		
Day 49	Aug 9		
Day 50	Aug 10	+ 1 min	= ST + 17m
Day 51	Aug 11		
Day 52	Aug 12		
Day 53	Aug 13	+ 1 min	= ST + 18m
Day 54	Aug 14		
Day 55	Aug 15		
Day 56	Aug 16	+ 1 min	= ST + 19m
Day 57	Aug 17		
Day 58	Aug 18		
Day 59	Aug 19	+ 1 min	= ST + 20m
Day 60	Aug 20		
Day 61	Aug 21		
Day 62	Aug 22	+ 1 min	= ST + 21m
Day 63	Aug 23		
Day 64	Aug 24		
Day 65	Aug 25	+ 1 min	= ST + 22m
Day 66	Aug 26		
Day 67	Aug 27		
Day 68	Aug 28	+ 1 min	= ST + 23m
Day 69	Aug 29		
Day 70	Aug 30		

Day 71	Aug 31	+ 1 min	= ST + 24m
Day 72	Sept 1		
Day 73	Sept 2		
Day 74	Sept 3	+ 1 min	= ST + 25m
Day 75	Sept 4		
Day 76	Sept 5		
Day 77	Sept 6	+ 1 min	= ST + 26m
Day 78	Sept 7		
Day 79	Sept 8		
Day 80	Sept 9	+ 1 min	= ST + 27m
Day 81	Sept 10		
Day 82	Sept 11		
Day 83	Sept 12	+ 1 min	= ST + 28m
Day 84	Sept 13		
Day 85	Sept 14		
Day 86	Sept 15	+ 1 min	= ST + 29m
Day 87	Sept 16		
Day 88	Sept 17		
Day 89	Sept 18	+ 1 min	= ST + 30m
Day 90	Sept 19		
Day 91	Sept 20		
Day 92	Sept 21		
Day 93	Sept 22	+ 1 min	= ST + 31m
Day 94	Sept 23		
Day 95	Sept 24		
Day 96	Sept 25	+ 1 min	= ST + 32m
Day 97	Sept 26		
Day 98	Sept 27		
Day 99	Sept 28	+ 1 min	= ST + 33m
Day 100	Sept 29		
Day 101	Sept 30		
Day 102	Oct 1	+ 1 min	= ST + 34m
Day 103	Oct 2		
Day 104	Oct 3		
Day 105	Oct 4	+ 1 min	= ST + 35m
Day 106	Oct 5		
Day 107	Oct 6		
Day 108	Oct 7	+ 1 min	= ST + 36m
Day 109	Oct 8		
Day 110	Oct 9		
Day 111	Oct 10	+ 1 min	= ST + 37m
Day 112	Oct 11		
Day 113	Oct 12		
Day 114	Oct 13	+ 1 min	= ST + 38m
Day 115	Oct 14		
Day 116	Oct 15		
Day 117	Oct 16	+ 1 min	= ST + 39m

SEQ

Day 118	Oct 17		
Day 119	Oct 18		
Day 120	Oct 19	+ 1 min	= ST + 40m
Day 121	Oct 20		
Day 122	Oct 21		
Day 123	Oct 22	+ 1 min	= ST+ 41m
Day 124	Oct 23		
Day 125	Oct 24		
Day 126	Oct 25	+ 1 min	= ST + 42m
Day 127	Oct 26		
Day 128	Oct 27		
Day 129	Oct 28	+ 1 min	= ST + 43m
Day 130	Oct 29		
Day 131	Oct 30		
Day 132	Oct 31	+ 1 min	= ST + 44m

Day 133	Nov 1		
Day 134	Nov 2		
Day 135	Nov 3	+ 1 min	= ST + 45m
Day 136	Nov 4		
Day 137	Nov 5		
Day 138	Nov 6	+ 1 min	= ST +46m
Day 139	Nov 7		
Day 140	Nov 8		
Day 141	Nov 9	+ 1 min	= ST + 47m
Day 142	Nov 10		
Day 143	Nov 11		
Day 144	Nov 12	+ 1 min	= ST + 48m
Day 145	Nov 13		
Day 146	Nov 14		
Day 147	Nov 15	+ 1 min	= ST + 49m
Day 148	Nov 16		
Day 149	Nov 17		
Day 150	Nov 18	+ 1 min	= ST + 50m
Day 151	Nov 19		
Day 152	Nov 20		
Day 153	Nov 21	+ 1 min	= ST + 51m
Day 154	Nov 22		
Day 155	Nov 23		
Day 156	Nov 24	+ 1 min	= ST + 52m
Day 157	Nov 25		
Day 158	Nov 26		
Day 159	Nov 27	+ 1 min	= ST + 53m
Day 160	Nov 28		
Day 161	Nov 29		
Day 162	Nov 30	+ 1 min	= ST + 54m

Day 163	Dec 1		
Day 164	Dec 2		

Day 165	Dec 3	+ 1 min	= ST + 55m
Day 166	Dec 4		
Day 167	Dec 5		
Day 168	Dec 6	+ 1 min	= ST + 56m
Day 169	Dec 7		
Day 170	Dec 8		
Day 171	Dec 9	+ 1 min	= ST + 57m
Day 172	Dec 10		
Day 173	Dec 11		
Day 174	Dec 12	+ 1 min	= ST + 58m
Day 175	Dec 13		
Day 176	Dec 14		
Day 177	Dec 15	+ 1 min	= ST + 59m
Day 178	Dec 16		
Day 179	Dec 17		
Day 180	Dec 18	+ 1 min	= ST + 60m
Day 181	Dec 19		
Day 182	Dec 20		

SUMMER SOLSTICE

Day 183	Dec 21	0 min	= ST + 60m	SS
Day 184	Dec 22			
Day 185	Dec 23			
Day 186	Dec 24	- 1 min	= ST + 59m	
Day 187	Dec 25			
Day 188	Dec 26			
Day 189	Dec 27	- 1 min	= ST + 58m	
Day 190	Dec 28			
Day 191	Dec 29			
Day 192	Dec 30	- 1 min	= ST + 57m	
Day 193	Dec 31			
Day 194	Jan 1			
Day 195	Jan 2	- 1 min	= ST + 56m	
Day 196	Jan 3			
Day 197	Jan 4			
Day 198	Jan 5	- 1 min	= ST + 55m	
Day 199	Jan 6			
Day 200	Jan 7			
Day 201	Jan 8	- 1 min	= ST + 54m	
Day 202	Jan 9			
Day 203	Jan 10			
Day 204	Jan 11	- 1 min	= ST + 53m	
Day 205	Jan 12			
Day 206	Jan 13			
Day 207	Jan 14	- 1 min	= ST + 52m	
Day 208	Jan 15			

Day 209	Jan 16		
Day 210	Jan 17	- 1 min	= ST + 51m
Day 211	Jan 18		
Day 212	Jan 19		
Day 213	Jan 20	- 1 min	= ST + 50m
Day 214	Jan 21		
Day 215	Jan 22		
Day 216	Jan 23	- 1 min	= ST + 49m
Day 217	Jan 24		
Day 218	Jan 25		
Day 219	Jan 26	- 1 min	= ST + 48m
Day 220	Jan 27		
Day 221	Jan 28		
Day 222	Jan 29	- 1 min	= ST + 47m
Day 223	Jan 30		
Day 224	Jan 31		
Day 225	Feb 1	- 1 min	= ST + 46m
Day 226	Feb 2		
Day 227	Feb 3		
Day 228	Feb 4	- 1 min	= ST + 45m
Day 229	Feb 5		
Day 230	Feb 6		
Day 231	Feb 7	- 1 min	= ST + 44m
Day 232	Feb 8		
Day 233	Feb 9		
Day 234	Feb 10	- 1 min	= ST + 43m
Day 235	Feb 11		
Day 236	Feb 12		
Day 237	Feb 13	- 1 min	= ST + 42m
Day 238	Feb 14		
Day 239	Feb 15		
Day 240	Feb 16	- 1 min	= ST + 41m
Day 241	Feb 17		
Day 242	Feb 18		
Day 243	Feb 19	- 1 min	= ST + 40m
Day 244	Feb 20		
Day 245	Feb 21		
Day 246	Feb 22	- 1 min	= ST + 39m
Day 247	Feb 23		
Day 248	Feb 24		
Day 249	Feb 25	- 1 min	= ST + 38m
Day 250	Feb 26		
Day 251	Feb 27		
Day 252	Feb 28	- 1 min	= ST + 37m
Day 253	Feb 29	Leap year, do nothing. Skip if not leap year	
Day 254	Mar 1		
Day 255	Mar 2	- 1 min	= ST + 36m

Day 256	Mar 3		
Day 257	Mar 4		
Day 258	Mar 5	- 1 min	= ST + 35m
Day 259	Mar 6		
Day 260	Mar 7		
Day 261	Mar 8	- 1 min	= ST + 34m
Day 262	Mar 9		
Day 263	Mar 10		
Day 264	Mar 11	- 1 min	= ST + 33m
Day 265	Mar 12		
Day 266	Mar 13		
Day 267	Mar 14	- 1 min	= ST + 32m
Day 268	Mar 15		
Day 269	Mar 16		
Day 270	Mar 17	- 1 min	= ST + 31m
Day 271	Mar 18		
Day 272	Mar 19		
Day 273	Mar 20	- 1 min	= ST + 30m
Day 274	Mar 21		
Day 275	Mar 22		
Day 276	Mar 23	- 1 min	= ST + 29m
Day 277	Mar 24		
Day 278	Mar 25		
Day 279	Mar 26	- 1 min	= ST + 28m
Day 280	Mar 27		
Day 281	Mar 28		
Day 282	Mar 29	- 1 min	= ST + 27m
Day 283	Mar 30		
Day 284	Mar 31		

FEQ

Day 285	Apr 1	- 1 min	= ST + 26m
Day 286	Apr 2		
Day 287	Apr 3		
Day 288	Apr 4	- 1 min	= ST + 25m
Day 289	Apr 5		
Day 290	Apr 6		
Day 291	Apr 7	- 1 min	= ST + 24m
Day 292	Apr 8		
Day 293	Apr 9		
Day 294	Apr 10	- 1 min	= ST + 23m
Day 295	Apr 11		
Day 296	Apr 12		
Day 297	Apr 13	- 1 min	= ST + 22m
Day 298	Apr 14		
Day 299	Apr 15		
Day 300	Apr 16	- 1 min	= ST + 21m
Day 301	Apr 17		
Day 302	Apr 18		
Day 303	Apr 19	- 1 min	= ST + 20m

Day 304	Apr 20		
Day 305	Apr 21		
Day 306	Apr 22	- 1 min	= ST + 19m
Day 307	Apr 23		
Day 308	Apr 24		
Day 309	Apr 25	- 1 min	= ST + 18m
Day 310	Apr 26		
Day 311	Apr 27		
Day 312	Apr 28	- 1 min	= ST + 17m
Day 313	Apr 29		
Day 314	Apr 30		
Day 315	May 1	- 1 min	= ST + 16m
Day 316	May 2		
Day 317	May 3		
Day 318	May 4	- 1 min	= ST + 15m
Day 319	May 5		
Day 320	May 6		
Day 321	May 7	- 1 min	= ST + 14m
Day 322	May 8		
Day 323	May 9		
Day 324	May 10	- 1 min	= ST + 13m
Day 325	May 11		
Day 326	May 12		
Day 327	May 13	- 1 min	= ST + 12m
Day 328	May 14		
Day 329	May 15		
Day 330	May 16	- 1 min	= ST + 11m
Day 331	May 17		
Day 332	May 18		
Day 333	May 19	- 1 min	= ST + 10m
Day 334	May 20		
Day 335	May 21		
Day 336	May 22	- 1 min	= ST + 9m
Day 337	May 23		
Day 338	May 24		
Day 339	May 25	- 1 min	= ST + 8m
Day 340	May 26		
Day 341	May 27		
Day 342	May 28	- 1 min	= ST + 7m
Day 343	May 29		
Day 344	May 30		
Day 345	May 31	- 1 min	= ST + 6m
Day 346	June 1		
Day 347	June 2		
Day 348	June 3	- 1 min	= ST + 5m
Day 349	June 4		
Day 350	June 5		

Day 351	June 6	- 1 min	= ST + 5m
Day 352	June 7		
Day 353	June 8		
Day 354	June 9	- 1 min	= ST + 4m
Day 355	June 10		
Day 356	June 11		
Day 357	June 12	- 1 min	= ST + 3m
Day 358	June 13		
Day 359	June 14		
Day 360	June 15	- 1 min	= ST + 2m
Day 361	June 16		
Day 362	June 17		
Day 363	June 18	- 1 min	= ST + 1m
Day 364	June 19		
Day 365	June 20		