

Sun Calendar 2018

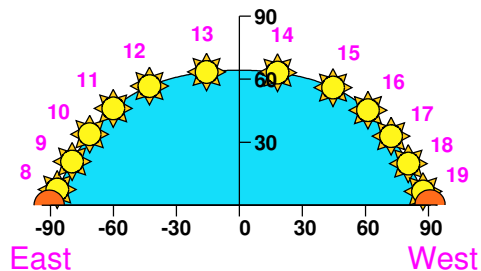
Produced by *ScientiDev*
www.scientidev.fr

Fort Lauderdale

-80.137°E, 26.122°N

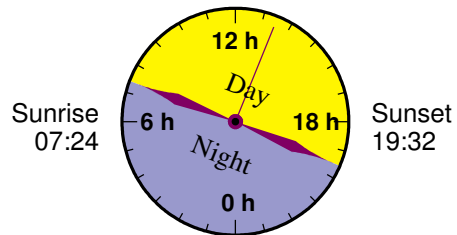


Spring

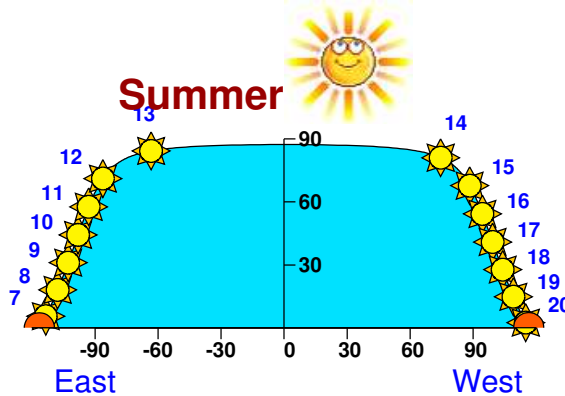


March 21

Day duration 12:09

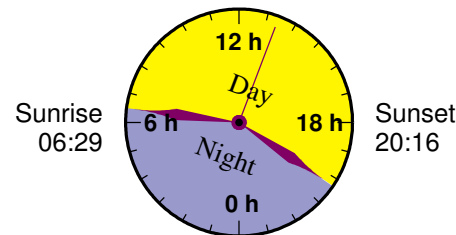


Spring Equinox



June 21

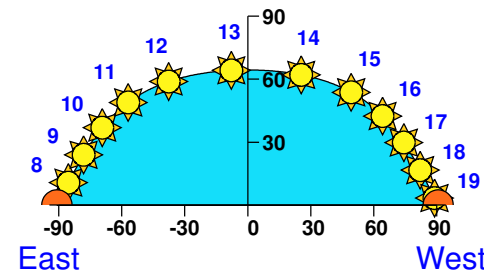
Day duration 13:46



Summer Solstice

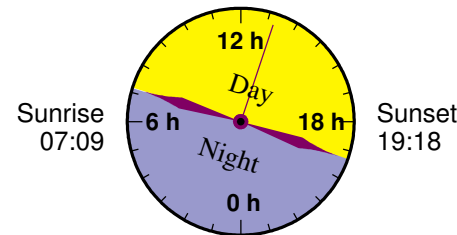


Autumn



Sept. 21

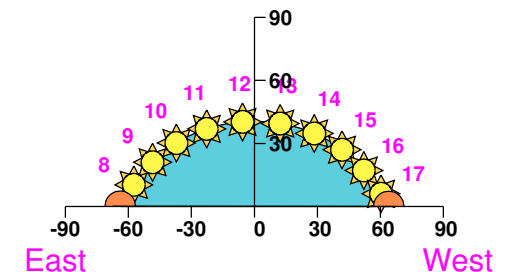
Day duration 12:09



Autumn Equinox

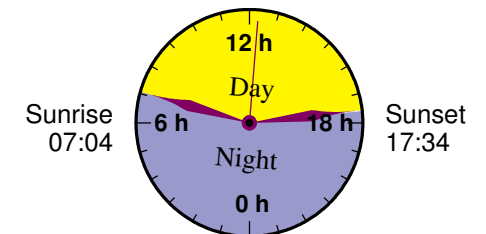


Winter



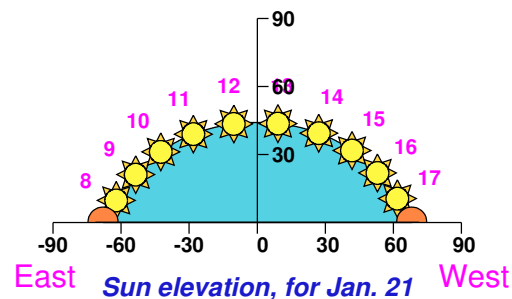
Dec. 21

Day duration 10:30



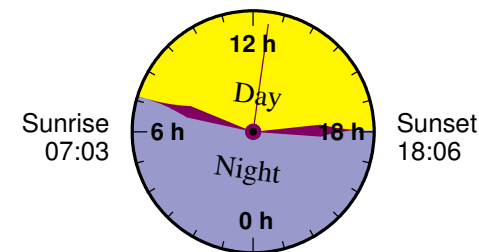
Winter Solstice

January 2018



Fort Lauderdale

-80.137°E, 26.122°N

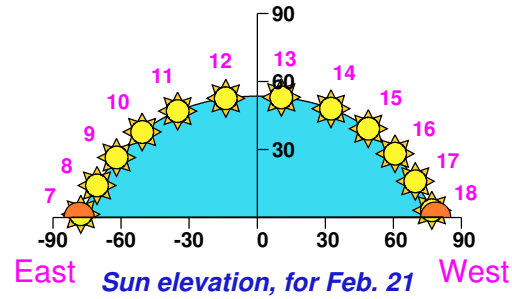


Duration of the day, for January 21

Sunrise and Sunset at Fort Lauderdale (TL ± 1 mn) and sun maximal elevation (°)

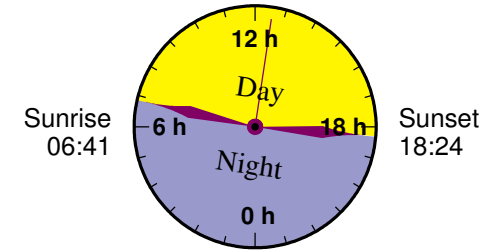
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
1	1 1 - 364 07:08 - 17:41 41° 	2 2 - 363 07:08 - 17:41 41° 	3 3 - 362 07:09 - 17:42 41° 	4 4 - 361 07:09 - 17:43 41° 	5 5 - 360 07:09 - 17:43 41° 	6 6 - 359 07:09 - 17:44 41° 	7 7 - 358 07:09 - 17:45 42°
2	8 8 - 357 07:10 - 17:46 42° 	9 9 - 356 07:10 - 17:46 42° 	10 10 - 355 07:10 - 17:47 42° 	11 11 - 354 07:10 - 17:48 42° 	12 12 - 353 07:10 - 17:49 42° 	13 13 - 352 07:10 - 17:49 43° 	14 14 - 351 07:10 - 17:50 43°
3	15 15 - 350 07:10 - 17:51 43° 	16 16 - 349 07:10 - 17:52 43° 	17 17 - 348 07:09 - 17:52 43° 	18 18 - 347 07:09 - 17:53 43° 	19 19 - 346 07:09 - 17:54 44° 	20 20 - 345 07:09 - 17:55 44° 	21 21 - 344 07:09 - 17:56 44°
4	22 22 - 343 07:09 - 17:56 44° 	23 23 - 342 07:08 - 17:57 45° 	24 24 - 341 07:08 - 17:58 45° 	25 25 - 340 07:08 - 17:59 45° 	26 26 - 339 07:07 - 17:59 45° 	27 27 - 338 07:07 - 18:00 46° 	28 28 - 337 07:07 - 18:01 46°
5	29 29 - 336 07:06 - 18:02 46° 	30 30 - 335 07:06 - 18:02 46° 	31 31 - 334 07:05 - 18:03 47° 				

February 2018



Fort Lauderdale

-80.137°E, 26.122°N



Duration of the day, for February 21

Sunrise and Sunset at Fort Lauderdale (TL $\pm$ 1 mn) and sun maximal elevation (°)

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

5

6

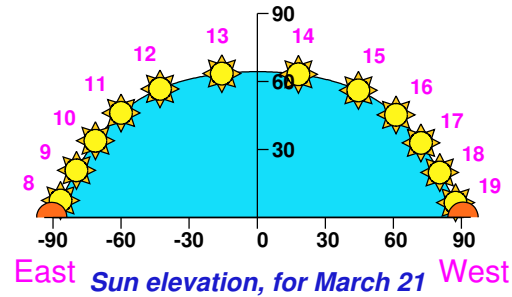
7

8

9

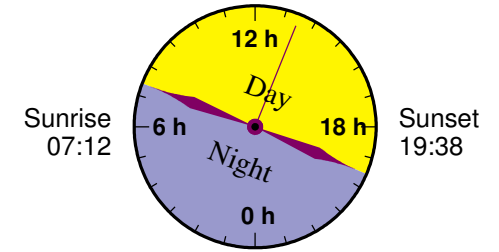
			1 32 - 333 07:05 - 18:04 47° 	2 33 - 332 07:04 - 18:05 47° 	3 34 - 331 07:04 - 18:05 48° 	4 35 - 330 07:03 - 18:06 48°
	5 36 - 329 07:03 - 18:07 48° 	6 37 - 328 07:02 - 18:08 48° 	7 38 - 327 07:02 - 18:08 49° 	8 39 - 326 07:01 - 18:09 49° 	9 40 - 325 07:00 - 18:10 49° 	10 41 - 324 07:00 - 18:10 50°
	12 43 - 322 06:58 - 18:12 50° 	13 44 - 321 06:58 - 18:12 51° 	14 45 - 320 06:57 - 18:13 51° 	15 46 - 319 06:56 - 18:14 51° 	16 47 - 318 06:55 - 18:14 52° 	17 48 - 317 06:55 - 18:15 52°
	19 50 - 315 06:53 - 18:16 53° 	20 51 - 314 06:52 - 18:17 53° 	21 52 - 313 06:51 - 18:18 54° 	22 53 - 312 06:50 - 18:18 54° 	23 54 - 311 06:50 - 18:19 54° 	24 55 - 310 06:49 - 18:19 55°
	26 57 - 308 06:47 - 18:21 55° 	27 58 - 307 06:46 - 18:21 56° 	28 59 - 306 06:45 - 18:22 56° 			

March 2018



Fort Lauderdale

-80.137°E, 26.122°N



Sunrise and Sunset at Fort Lauderdale (TL $\pm$ 1 mn) and sun maximal elevation (°)

Time change March 11

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

9

1 60 - 305 06:44 - 18:22 56°	2 61 - 304 06:43 - 18:23 57°	3 62 - 303 06:42 - 18:23 57°	4 63 - 302 06:41 - 18:24 58°

10

5 64 - 301 06:40 - 18:24 58°	6 65 - 300 06:39 - 18:25 58°	7 66 - 299 06:38 - 18:26 59°	8 67 - 298 06:37 - 18:26 59°	9 68 - 297 06:36 - 18:27 60°	10 69 - 296 06:35 - 18:27 60°	11 70 - 295 07:34 - 19:28 60°

11

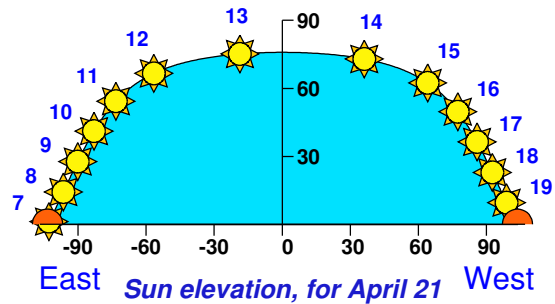
12 71 - 294 07:33 - 19:28 61°	13 72 - 293 07:32 - 19:29 61°	14 73 - 292 07:31 - 19:29 62°	15 74 - 291 07:30 - 19:30 62°	16 75 - 290 07:29 - 19:30 62°	17 76 - 289 07:28 - 19:31 63°	18 77 - 288 07:27 - 19:31 63°

12

19 78 - 287 07:26 - 19:32 64°	20 79 - 286 07:25 - 19:32 64°	21 80 - 285 07:24 - 19:32 64°	22 81 - 284 07:23 - 19:33 65°	23 82 - 283 07:21 - 19:33 65°	24 83 - 282 07:20 - 19:34 65°	25 84 - 281 07:19 - 19:34 66°

13

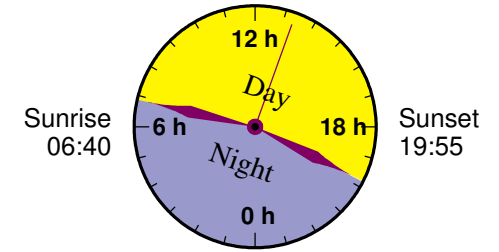
26 85 - 280 07:18 - 19:35 66°	27 86 - 279 07:17 - 19:35 67°	28 87 - 278 07:16 - 19:36 67°	29 88 - 277 07:15 - 19:36 67°	30 89 - 276 07:14 - 19:37 68°	31 90 - 275 07:13 - 19:37 68°



April 2018

Fort Lauderdale

-80.137°E, 26.122°N



Duration of the day, for April 21

Sunrise and Sunset at Fort Lauderdale (TL ± 1 mn) and sun maximal elevation ($^{\circ}$)

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

13

14

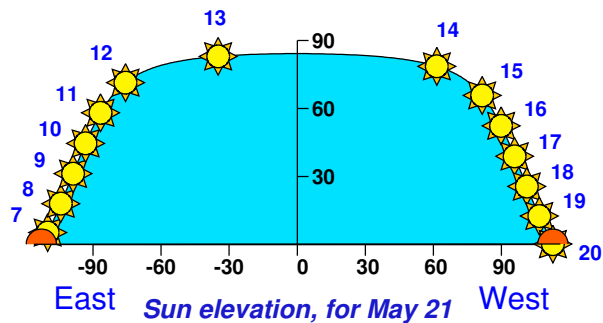
15

16

17

18

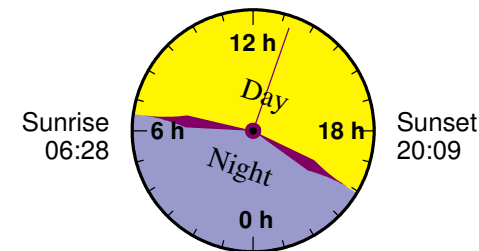
						1 91 - 274 07:12 - 19:38 69°
2 92 - 273 07:11 - 19:38 69° 	3 93 - 272 07:10 - 19:39 69° 	4 94 - 271 07:09 - 19:39 70° 	5 95 - 270 07:08 - 19:40 70° 	6 96 - 269 07:07 - 19:40 71° 	7 97 - 268 07:06 - 19:40 71° 	8 98 - 267 07:04 - 19:41 71°
9 99 - 266 07:03 - 19:41 72° 	10 100 - 265 07:02 - 19:42 72° 	11 101 - 264 07:01 - 19:42 72° 	12 102 - 263 07:00 - 19:43 73° 	13 103 - 262 06:59 - 19:43 73° 	14 104 - 261 06:58 - 19:44 73° 	15 105 - 260 06:57 - 19:44 74°
16 106 - 259 06:57 - 19:45 74° 	17 107 - 258 06:56 - 19:45 75° 	18 108 - 257 06:55 - 19:46 75° 	19 109 - 256 06:54 - 19:46 75° 	20 110 - 255 06:53 - 19:47 76° 	21 111 - 254 06:52 - 19:47 76° 	22 112 - 253 06:51 - 19:48 76°
23 113 - 252 06:50 - 19:48 77° 	24 114 - 251 06:49 - 19:49 77° 	25 115 - 250 06:48 - 19:49 77° 	26 116 - 249 06:47 - 19:50 78° 	27 117 - 248 06:47 - 19:50 78° 	28 118 - 247 06:46 - 19:51 78° 	29 119 - 246 06:45 - 19:51 78°
30 120 - 245 06:44 - 19:52 79° 						



May 2018

Fort Lauderdale

-80.137°E, 26.122°N



Duration of the day, for May 21

Sunrise and Sunset at Fort Lauderdale (TL $\pm$ 1 mn) and sun maximal elevation (°)

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

18

19

20

21

22

1 121 - 244
06:43 - 19:52 79°

2 122 - 243
06:43 - 19:53 79°

3 123 - 242
06:42 - 19:54 80°

4 124 - 241
06:41 - 19:54 80°

5 125 - 240
06:41 - 19:55 80°

6 126 - 239
06:40 - 19:55 81°

7 127 - 238
06:39 - 19:56 81°

8 128 - 237
06:38 - 19:56 81°

9 129 - 236
06:38 - 19:57 81°

10 130 - 235
06:37 - 19:57 82°

11 131 - 234
06:37 - 19:58 82°

12 132 - 233
06:36 - 19:58 82°

13 133 - 232
06:35 - 19:59 82°

14 134 - 231
06:35 - 19:59 83°

15 135 - 230
Day at anytime

16 136 - 229
Day at anytime

17 137 - 228
06:33 - 20:01 83°

18 138 - 227
06:33 - 20:01 84°

19 139 - 226
06:32 - 20:02 84°

20 140 - 225
06:32 - 20:02 84°

21 141 - 224
06:32 - 20:03 84°

22 142 - 223
06:31 - 20:03 84°

23 143 - 222
06:31 - 20:04 85°

24 144 - 221
06:31 - 20:04 85°

25 145 - 220
06:30 - 20:05 85°

26 146 - 219
06:30 - 20:05 85°

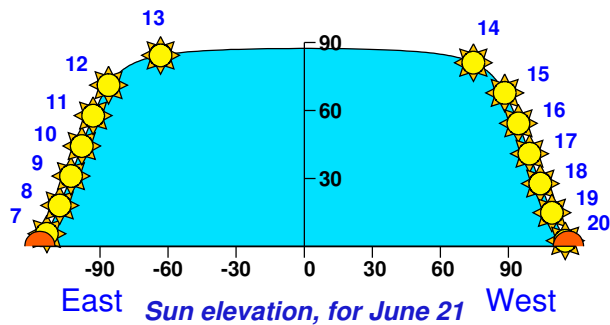
27 147 - 218
06:30 - 20:06 85°

28 148 - 217
06:29 - 20:06 85°

29 149 - 216
06:29 - 20:07 86°

30 150 - 215
06:29 - 20:07 86°

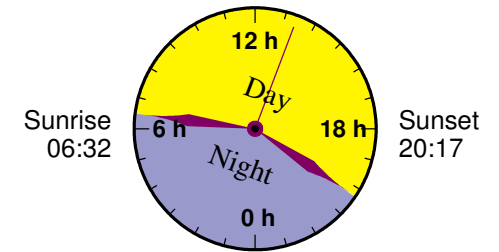
31 151 - 214
06:29 - 20:08 86°



June 2018

Fort Lauderdale

-80.137°E, 26.122°N



Duration of the day, for June 21

Sunrise and Sunset at Fort Lauderdale (TL $\pm$ 1 mn) and sun maximal elevation ($^{\circ}$)

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

22

1 152 - 213 06:29 - 20:08 86°	2 153 - 212 06:28 - 20:09 86°	3 154 - 211 06:28 - 20:09 86°

23

4 155 - 210 06:28 - 20:10 86°	5 156 - 209 06:28 - 20:10 86°	6 157 - 208 06:28 - 20:11 87°	7 158 - 207 06:28 - 20:11 87°	8 159 - 206 06:28 - 20:11 87°	9 160 - 205 06:28 - 20:12 87°	10 161 - 204 06:28 - 20:12 87°

24

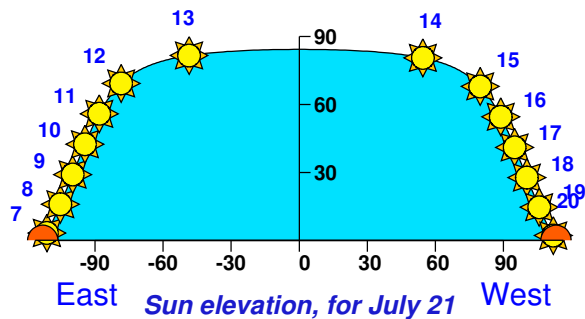
11 162 - 203 06:28 - 20:13 87°	12 163 - 202 06:28 - 20:13 87°	13 164 - 201 06:28 - 20:13 87°	14 165 - 200 06:28 - 20:14 87°	15 166 - 199 06:28 - 20:14 87°	16 167 - 198 06:28 - 20:14 87°	17 168 - 197 06:29 - 20:15 87°

25

18 169 - 196 06:29 - 20:15 87°	19 170 - 195 06:29 - 20:15 87°	20 171 - 194 06:29 - 20:15 87°	21 172 - 193 06:29 - 20:16 87°	22 173 - 192 06:29 - 20:16 87°	23 174 - 191 06:30 - 20:16 87°	24 175 - 190 06:30 - 20:16 87°

26

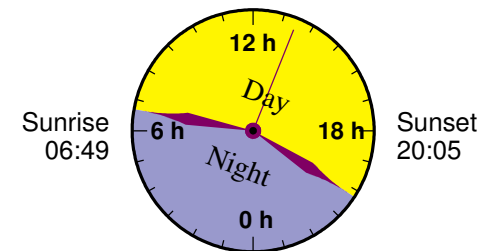
25 176 - 189 06:30 - 20:16 87°	26 177 - 188 06:31 - 20:17 87°	27 178 - 187 06:31 - 20:17 87°	28 179 - 186 06:31 - 20:17 87°	29 180 - 185 06:31 - 20:17 87°	30 181 - 184 06:32 - 20:17 87°



July 2018

Fort Lauderdale

-80.137°E, 26.122°N



Duration of the day, for July 21

Sunrise and Sunset at Fort Lauderdale (TL $\pm$ 1 mn) and sun maximal elevation ($^{\circ}$)

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

26

27

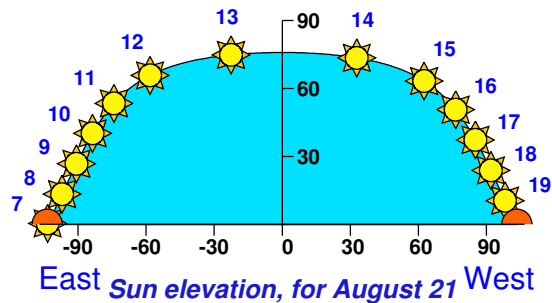
28

29

30

31

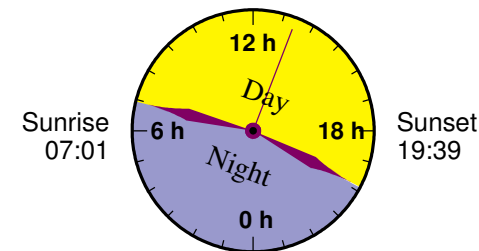
						1 182 - 183 06:32 - 20:17 87°
2 183 - 182 06:33 - 20:17 87° 	3 184 - 181 06:33 - 20:17 87° 	4 185 - 180 06:33 - 20:17 87° 	5 186 - 179 06:34 - 20:17 87° 	6 187 - 178 06:34 - 20:17 87° 	7 188 - 177 06:35 - 20:17 86° 	8 189 - 176 06:35 - 20:17 86°
9 190 - 175 06:35 - 20:17 86° 	10 191 - 174 06:36 - 20:16 86° 	11 192 - 173 06:36 - 20:16 86° 	12 193 - 172 06:37 - 20:16 86° 	13 194 - 171 06:37 - 20:16 86° 	14 195 - 170 06:38 - 20:16 85° 	15 196 - 169 06:38 - 20:15 85°
16 197 - 168 06:39 - 20:15 85° 	17 198 - 167 06:39 - 20:15 85° 	18 199 - 166 06:40 - 20:15 85° 	19 200 - 165 06:40 - 20:14 85° 	20 201 - 164 06:41 - 20:14 84° 	21 202 - 163 06:41 - 20:13 84° 	22 203 - 162 06:42 - 20:13 84°
23 204 - 161 06:42 - 20:13 84° 	24 205 - 160 06:43 - 20:12 84° 	25 206 - 159 06:43 - 20:12 83° 	26 207 - 158 06:44 - 20:11 83° 	27 208 - 157 06:44 - 20:11 83° 	28 209 - 156 06:45 - 20:10 83° 	29 210 - 155 06:45 - 20:10 83°
30 211 - 154 06:46 - 20:09 82° 	31 212 - 153 06:46 - 20:09 82° 					



August 2018

Fort Lauderdale

-80.137°E, 26.122°N



Duration of the day, for August 21

Sunrise and Sunset at Fort Lauderdale (TL $\pm$ 1 mn) and sun maximal elevation ($^{\circ}$)

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

31

32

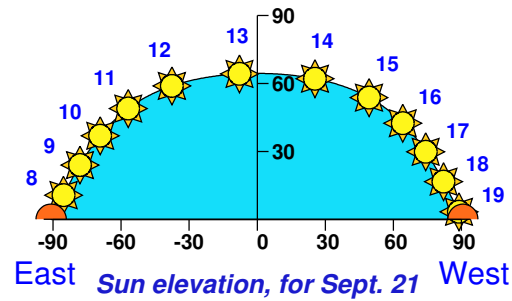
33

34

35

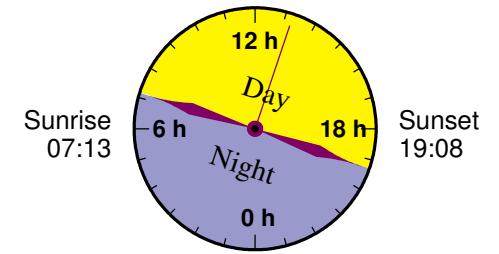
		1 213 - 152 06:47 - 20:08 82° 	2 214 - 151 06:47 - 20:07 82° 	3 215 - 150 06:48 - 20:07 81° 	4 216 - 149 06:48 - 20:06 81° 	5 217 - 148 06:49 - 20:05 81°
	6 218 - 147 06:49 - 20:05 80° 	7 219 - 146 06:49 - 20:04 80° 	8 220 - 145 06:50 - 20:03 80° 	9 221 - 144 06:50 - 20:02 80° 	10 222 - 143 06:51 - 20:02 79° 	11 223 - 142 06:51 - 20:01 79°
	13 225 - 140 06:52 - 19:58 78° 	14 226 - 139 06:53 - 19:58 78° 	15 227 - 138 06:53 - 19:57 78° 	16 228 - 137 06:54 - 19:56 77° 	17 229 - 136 06:54 - 19:55 77° 	18 230 - 135 06:55 - 19:54 77°
	20 232 - 133 06:56 - 19:52 76° 	21 233 - 132 06:56 - 19:51 76° 	22 234 - 131 06:56 - 19:50 76° 	23 235 - 130 06:57 - 19:49 75° 	24 236 - 129 06:57 - 19:48 75° 	25 237 - 128 06:58 - 19:47 74°
	27 239 - 126 06:59 - 19:45 74° 	28 240 - 125 06:59 - 19:44 73° 	29 241 - 124 07:00 - 19:43 73° 	30 242 - 123 07:00 - 19:42 73° 	31 243 - 122 07:00 - 19:41 72° 	

September 2018



Fort Lauderdale

-80.137°E, 26.122°N



Duration of the day, for September 21

Sunrise and Sunset at Fort Lauderdale (TL $\pm$ 1 mn) and sun maximal elevation ($^{\circ}$)

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

35

36

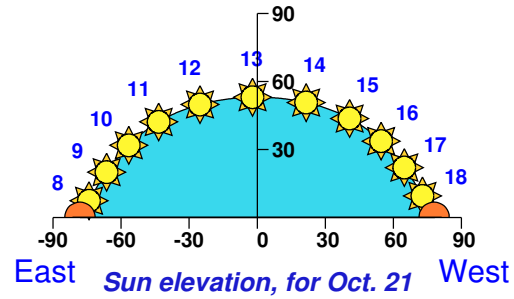
37

38

39

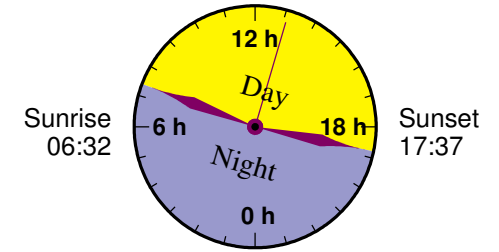
1 244 - 121 07:01 - 19:40 72° 	2 245 - 120 07:01 - 19:39 72°
3 246 - 119 07:02 - 19:38 71° 	4 247 - 118 07:02 - 19:37 71°
5 248 - 117 07:02 - 19:36 71° 	6 249 - 116 07:03 - 19:35 70°
7 250 - 115 07:03 - 19:34 70° 	8 251 - 114 07:04 - 19:33 69°
9 252 - 113 07:04 - 19:32 69° 	10 253 - 112 07:04 - 19:30 69°
11 254 - 111 07:05 - 19:29 68° 	12 255 - 110 07:05 - 19:28 68°
13 256 - 109 07:06 - 19:27 68° 	14 257 - 108 07:06 - 19:26 67°
15 258 - 107 07:06 - 19:25 67° 	16 259 - 106 07:07 - 19:24 66°
17 260 - 105 07:07 - 19:23 66° 	18 261 - 104 07:08 - 19:22 66°
19 262 - 103 07:08 - 19:20 65° 	20 263 - 102 07:08 - 19:19 65°
21 264 - 101 07:09 - 19:18 64° 	22 265 - 100 07:09 - 19:17 64°
23 266 - 99 07:10 - 19:16 64° 	24 267 - 98 07:10 - 19:15 63°
25 268 - 97 07:11 - 19:14 63° 	26 269 - 96 07:11 - 19:13 62°
27 270 - 95 07:11 - 19:12 62° 	28 271 - 94 07:12 - 19:10 62°
29 272 - 93 07:12 - 19:09 61° 	30 273 - 92 07:13 - 19:08 61°

October 2018



Fort Lauderdale

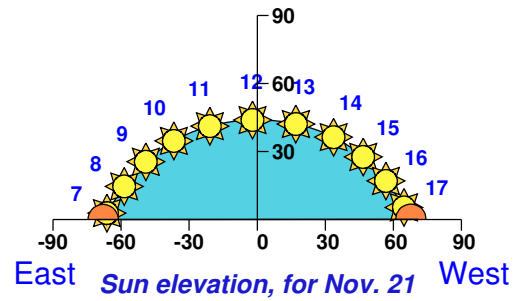
-80.137°E, 26.122°N



Duration of the day, for October 21

Sunrise and Sunset at Fort Lauderdale (TL $\pm$ 1 mn) and sun maximal elevation (°)

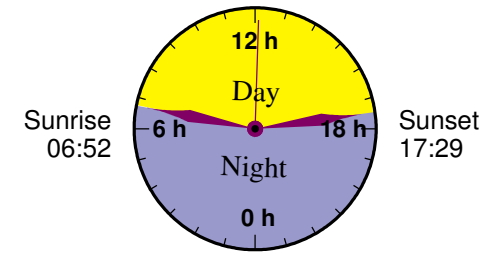
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
40	1 274 - 91 07:13 - 19:07 61° 	2 275 - 90 07:14 - 19:06 60° 	3 276 - 89 07:14 - 19:05 60° 	4 277 - 88 07:14 - 19:04 59° 	5 278 - 87 07:15 - 19:03 59° 	6 279 - 86 07:15 - 19:02 59° 	7 280 - 85 07:16 - 19:01 58°
41	8 281 - 84 07:16 - 19:00 58° 	9 282 - 83 07:17 - 18:59 57° 	10 283 - 82 07:17 - 18:58 57° 	11 284 - 81 07:18 - 18:57 57° 	12 285 - 80 07:18 - 18:56 56° 	13 286 - 79 07:19 - 18:55 56° 	14 287 - 78 07:19 - 18:54 56°
42	15 288 - 77 07:20 - 18:53 55° 	16 289 - 76 07:20 - 18:52 55° 	17 290 - 75 07:21 - 18:51 54° 	18 291 - 74 07:21 - 18:50 54° 	19 292 - 73 07:22 - 18:49 54° 	20 293 - 72 07:22 - 18:48 53° 	21 294 - 71 07:23 - 18:47 53°
43	22 295 - 70 07:24 - 18:46 53° 	23 296 - 69 07:24 - 18:46 52° 	24 297 - 68 07:25 - 18:45 52° 	25 298 - 67 07:25 - 18:44 52° 	26 299 - 66 07:26 - 18:43 51° 	27 300 - 65 07:26 - 18:42 51° 	28 301 - 64 07:27 - 18:42 51°
44	29 302 - 63 07:28 - 18:41 50° 	30 303 - 62 07:28 - 18:40 50° 	31 304 - 61 07:29 - 18:39 50° 				



November 2018

Fort Lauderdale

-80.137°E, 26.122°N



Duration of the day, for November 21

Sunrise and Sunset at Fort Lauderdale (TL $\pm$ 1 mn) and sun maximal elevation ($^{\circ}$)

Time change November 4

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

44

1 305 - 60 07:30 - 18:39 49°	2 306 - 59 07:30 - 18:38 49°	3 307 - 58 07:31 - 18:37 49°	4 308 - 57 06:32 - 17:37 48°
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45

5 309 - 56 06:32 - 17:36 48°	6 310 - 55 06:33 - 17:36 48°	7 311 - 54 06:34 - 17:35 47°	8 312 - 53 06:34 - 17:34 47°	9 313 - 52 06:35 - 17:34 47°	10 314 - 51 06:36 - 17:33 47°	11 315 - 50 06:36 - 17:33 46°
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46

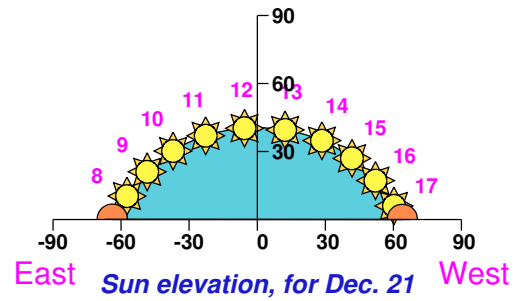
12 316 - 49 06:37 - 17:32 46°	13 317 - 48 06:38 - 17:32 46°	14 318 - 47 06:38 - 17:32 46°	15 319 - 46 06:39 - 17:31 45°	16 320 - 45 06:40 - 17:31 45°	17 321 - 44 06:41 - 17:31 45°	18 322 - 43 06:41 - 17:30 45°
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47

19 323 - 42 06:42 - 17:30 44°	20 324 - 41 06:43 - 17:30 44°	21 325 - 40 06:44 - 17:29 44°	22 326 - 39 06:44 - 17:29 44°	23 327 - 38 06:45 - 17:29 43°	24 328 - 37 06:46 - 17:29 43°	25 329 - 36 06:47 - 17:29 43°
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48

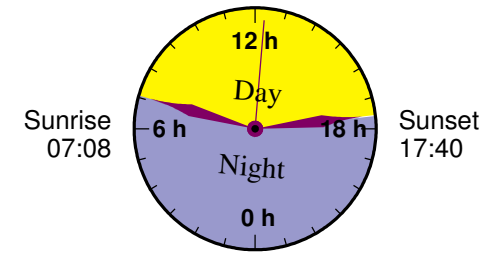
26 330 - 35 06:47 - 17:29 43°	27 331 - 34 06:48 - 17:29 43°	28 332 - 33 06:49 - 17:29 43°	29 333 - 32 06:50 - 17:28 42°	30 334 - 31 06:50 - 17:28 42°
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December 2018

Fort Lauderdale

-80.137°E, 26.122°N



Sunrise and Sunset at Fort Lauderdale (TL $\pm$ 1 mn) and sun maximal elevation ($^{\circ}$)

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

48

49

50

51

52

53

1 335 - 30 06:51 - 17:28 42° 	2 336 - 29 06:52 - 17:29 42°
3 337 - 28 06:52 - 17:29 42° 	4 338 - 27 06:53 - 17:29 42°
5 339 - 26 06:54 - 17:29 41° 	6 340 - 25 06:55 - 17:29 41°
7 341 - 24 06:55 - 17:29 41° 	8 342 - 23 06:56 - 17:29 41°
9 343 - 22 06:57 - 17:30 41° 	10 344 - 21 06:57 - 17:30 41°
11 345 - 20 06:58 - 17:30 41° 	12 346 - 19 06:59 - 17:30 41°
13 347 - 18 06:59 - 17:31 41° 	14 348 - 17 07:00 - 17:31 41°
15 349 - 16 07:00 - 17:31 41° 	16 350 - 15 07:01 - 17:32 41°
17 351 - 14 07:02 - 17:32 41° 	18 352 - 13 07:02 - 17:33 41°
19 353 - 12 07:03 - 17:33 40° 	20 354 - 11 07:03 - 17:34 40°
21 355 - 10 07:04 - 17:34 40° 	22 356 - 9 07:04 - 17:35 40°
23 357 - 8 07:05 - 17:35 40° 	24 358 - 7 07:05 - 17:36 40°
25 359 - 6 07:06 - 17:36 41° 	26 360 - 5 07:06 - 17:37 41°
27 361 - 4 07:06 - 17:37 41° 	28 362 - 3 07:07 - 17:38 41°
29 363 - 2 07:07 - 17:39 41° 	30 364 - 1 07:07 - 17:39 41°
31 365 - 0 07:08 - 17:40 41° 	