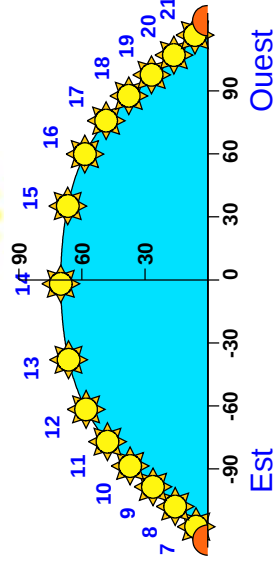


# Calendrier solaire 2023

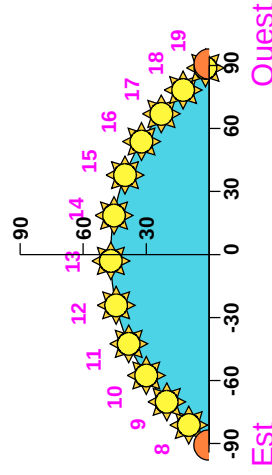
Produit par *ScientiDev*  
www.scientidev.fr



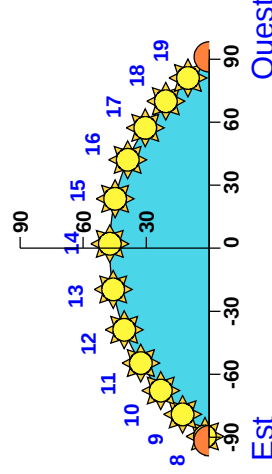
Été



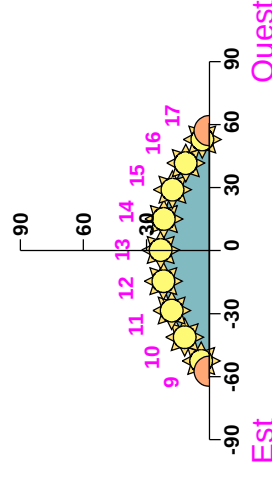
Printemps



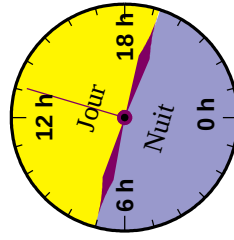
Automne



Hiver



Durée jour: 12:11

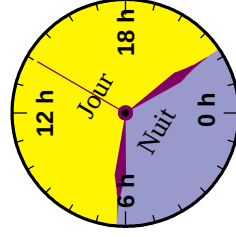


Lever à 07:01

Coucher à 19:12

Équinoxe de printemps

Durée jour: 15:25



Lever à 06:19

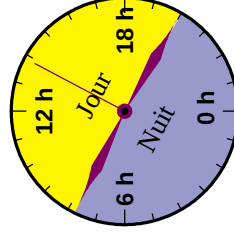
Coucher à 21:43

Solstice d'été

Lever à 07:45

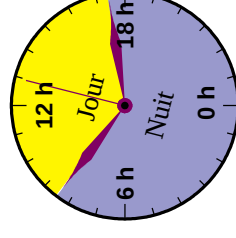
Coucher à 19:59

Durée jour: 12:14



Équinoxe d'automne

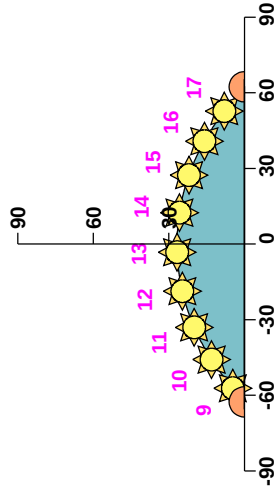
Durée jour: 8:57



Lever à 08:28

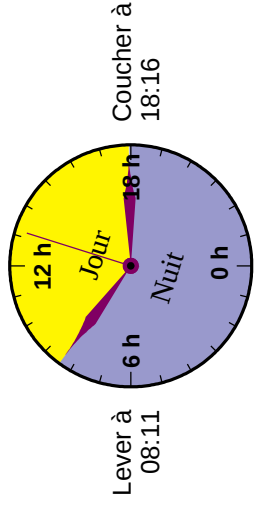
Coucher à 17:26

# Janvier 2023



Neufchatel-en-Saosnois

0.24°E, 43.37°N



Est Élévation du Soleil le 21 Jan. Ouest

Durée du jour le 21 Janvier

Levers et couchers du Soleil à Neufchatel-en-Saosnois (TL  $\pm$  1 mn) et élévation maximale du Soleil (°)

Lundi

Mardi

Mercredi

Jeudi

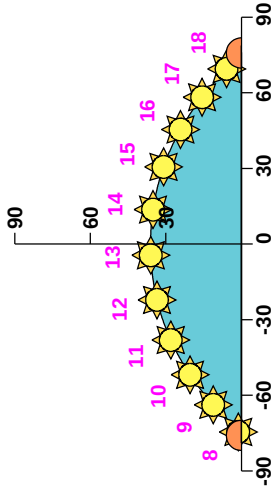
Vendredi

Samedi

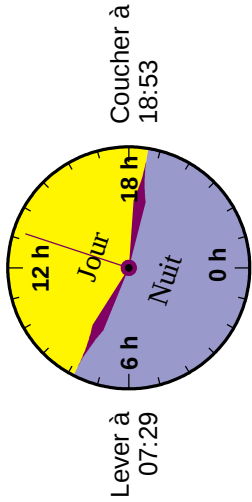
Dimanche

|    |                               |    |                               |    |                               |    |                               |    |                               |    |                               |    |                               |   |                              |
|----|-------------------------------|----|-------------------------------|----|-------------------------------|----|-------------------------------|----|-------------------------------|----|-------------------------------|----|-------------------------------|---|------------------------------|
| 2  | 2 - 363<br>08:32 - 17:35 24°  | 3  | 3 - 362<br>08:32 - 17:35 24°  | 4  | 4 - 361<br>08:32 - 17:36 24°  | 5  | 5 - 360<br>08:32 - 17:37 24°  | 6  | 6 - 359<br>08:32 - 17:38 24°  | 7  | 7 - 358<br>08:32 - 17:39 24°  | 8  | 8 - 357<br>08:31 - 17:40 24°  | 1 | 1 - 364<br>08:32 - 17:34 24° |
| 9  | 9 - 356<br>08:31 - 17:42 25°  | 10 | 10 - 355<br>08:31 - 17:43 25° | 11 | 11 - 354<br>08:31 - 17:44 25° | 12 | 12 - 353<br>08:30 - 17:45 25° | 13 | 13 - 352<br>08:30 - 17:46 25° | 14 | 14 - 351<br>08:29 - 17:47 25° | 15 | 15 - 350<br>08:29 - 17:48 26° |   |                              |
| 16 | 16 - 349<br>08:28 - 17:50 26° | 17 | 17 - 348<br>08:28 - 17:51 26° | 18 | 18 - 347<br>08:27 - 17:52 26° | 19 | 19 - 346<br>08:27 - 17:53 26° | 20 | 20 - 345<br>08:26 - 17:55 27° | 21 | 21 - 344<br>08:25 - 17:56 27° | 22 | 22 - 343<br>08:25 - 17:57 27° |   |                              |
| 23 | 23 - 342<br>08:24 - 17:58 27° | 24 | 24 - 341<br>08:23 - 18:00 27° | 25 | 25 - 340<br>08:22 - 18:01 28° | 26 | 26 - 339<br>08:21 - 18:02 28° | 27 | 27 - 338<br>08:20 - 18:04 28° | 28 | 28 - 337<br>08:20 - 18:05 28° | 29 | 29 - 336<br>08:19 - 18:06 29° |   |                              |
| 30 | 30 - 335<br>08:18 - 18:08 29° | 31 | 31 - 334<br>08:17 - 18:09 29° |    |                               |    |                               |    |                               |    |                               |    |                               |   |                              |

# Février 2023



Neufchatel-en-Saosnois  
0.24°E, 43.37°N

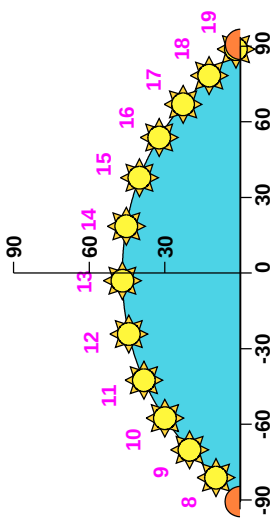


Est Élévation du Soleil le 21 Fév. Ouest

Durée du jour le 21 Février

Levers et couchers du Soleil à Neufchatel-en-Saosnois (TL  $\pm$  1 mn) et élévation maximale du Soleil (°)

| Lundi |                                                      | Mardi                                                |                                                      | Mercredi                                             |                                                      | Jeudi                                                |                                                      | Vendredi                                             |                                                      | Samedi                                               |                                                      | Dimanche                                             |                                                      |
|-------|------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|
| 5     | <div>608:10 - 18:17 31°</div> <div>637 - 328</div>   | <div>708:09 - 18:19 31°</div> <div>738 - 327</div>   | <div>808:15 - 18:10 30°</div> <div>832 - 333</div>   | <div>908:06 - 18:21 32°</div> <div>940 - 325</div>   | <div>1008:05 - 18:23 32°</div> <div>1041 - 324</div> | <div>1108:03 - 18:24 33°</div> <div>1142 - 323</div> | <div>1208:02 - 18:25 33°</div> <div>1243 - 322</div> | <div>1307:50 - 18:36 36°</div> <div>1351 - 314</div> | <div>1407:59 - 18:28 34°</div> <div>1445 - 320</div> | <div>1507:58 - 18:29 34°</div> <div>1546 - 319</div> | <div>1607:53 - 18:33 35°</div> <div>1649 - 316</div> | <div>1707:52 - 18:35 35°</div> <div>1750 - 315</div> | <div>1807:41 - 18:44 38°</div> <div>1857 - 308</div> |
| 6     | <div>1308:01 - 18:27 33°</div> <div>1344 - 321</div> | <div>1407:59 - 18:28 34°</div> <div>1445 - 320</div> | <div>1507:58 - 18:29 34°</div> <div>1546 - 319</div> | <div>1607:56 - 18:31 34°</div> <div>1647 - 318</div> | <div>1707:55 - 18:32 35°</div> <div>1748 - 317</div> | <div>1807:53 - 18:33 35°</div> <div>1849 - 316</div> | <div>1907:52 - 18:35 35°</div> <div>1950 - 315</div> | <div>2007:50 - 18:36 36°</div> <div>2051 - 314</div> | <div>2107:49 - 18:37 36°</div> <div>2152 - 313</div> | <div>2207:47 - 18:39 36°</div> <div>2253 - 312</div> | <div>2307:46 - 18:40 37°</div> <div>2354 - 311</div> | <div>2407:44 - 18:41 37°</div> <div>2455 - 310</div> | <div>2507:43 - 18:43 38°</div> <div>2556 - 309</div> |
| 7     | <div>2607:39 - 18:45 38°</div> <div>2658 - 307</div> | <div>2707:38 - 18:46 39°</div> <div>2759 - 306</div> | <div>2807:47 - 18:39 36°</div> <div>2853 - 312</div> | <div>2907:56 - 18:31 34°</div> <div>2947 - 318</div> | <div>3007:55 - 18:32 35°</div> <div>3048 - 317</div> | <div>3107:53 - 18:33 35°</div> <div>3149 - 316</div> | <div>3207:52 - 18:35 35°</div> <div>3250 - 315</div> | <div>3307:50 - 18:36 36°</div> <div>3351 - 314</div> | <div>3407:49 - 18:37 36°</div> <div>3452 - 313</div> | <div>3507:47 - 18:39 36°</div> <div>3553 - 312</div> | <div>3607:46 - 18:40 37°</div> <div>3654 - 311</div> | <div>3707:44 - 18:41 37°</div> <div>3755 - 310</div> | <div>3807:43 - 18:43 38°</div> <div>3856 - 309</div> |
| 8     |                                                      |                                                      |                                                      |                                                      |                                                      |                                                      |                                                      |                                                      |                                                      |                                                      |                                                      |                                                      |                                                      |
| 9     |                                                      |                                                      |                                                      |                                                      |                                                      |                                                      |                                                      |                                                      |                                                      |                                                      |                                                      |                                                      |                                                      |

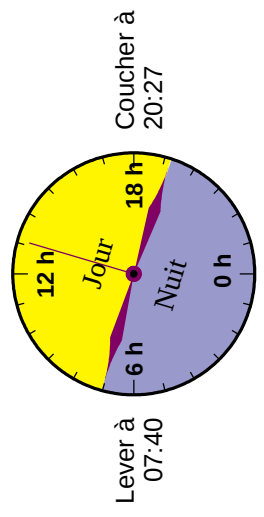


Est Élévation du Soleil le 21 Mars Ouest

Levers et couchers du Soleil à Neufchatel-en-Saosnois (TL ± 1 mn) et élévation maximale du Soleil (°)

# Mars 2023

Neufchatel-en-Saosnois  
0.24°E, 43.37°N



Durée du jour le 21 Mars

Heure d'été le 26 Mars

Lundi Mardi Mercredi Jeudi Vendredi Samedi Dimanche

|                                     |                                     |                                     |                                     |                                     |                                     |                                     |
|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| 6<br>65 - 300<br>07:28 - 18:54 41°  | 7<br>66 - 299<br>07:26 - 18:55 41°  | 1<br>60 - 305<br>07:36 - 18:48 39°  | 2<br>61 - 304<br>07:35 - 18:49 39°  | 3<br>62 - 303<br>07:33 - 18:50 40°  | 4<br>63 - 302<br>07:31 - 18:51 40°  | 5<br>64 - 301<br>07:29 - 18:53 41°  |
| 13<br>72 - 293<br>07:16 - 19:03 44° | 14<br>73 - 292<br>07:14 - 19:04 44° | 8<br>67 - 298<br>07:24 - 18:56 42°  | 9<br>68 - 297<br>07:23 - 18:58 42°  | 10<br>69 - 296<br>07:21 - 18:59 43° | 11<br>70 - 295<br>07:19 - 19:00 43° | 12<br>71 - 294<br>07:17 - 19:01 43° |
| 20<br>79 - 286<br>07:03 - 19:11 46° | 21<br>80 - 285<br>07:01 - 19:12 47° | 15<br>74 - 291<br>07:12 - 19:05 45° | 16<br>75 - 290<br>07:10 - 19:06 45° | 17<br>76 - 289<br>07:09 - 19:07 45° | 18<br>77 - 288<br>07:07 - 19:09 46° | 19<br>78 - 287<br>07:05 - 19:10 46° |
| 27<br>86 - 279<br>07:51 - 20:19 49° | 28<br>87 - 278<br>07:49 - 20:21 50° | 22<br>81 - 284<br>07:00 - 19:13 47° | 23<br>82 - 283<br>06:58 - 19:15 48° | 24<br>83 - 282<br>06:56 - 19:16 48° | 25<br>84 - 281<br>06:54 - 19:17 48° | 26<br>85 - 280<br>07:52 - 20:18 49° |

9

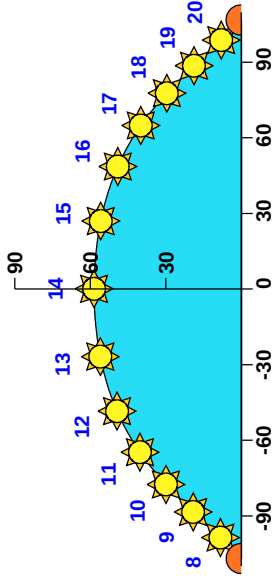
10

11

12

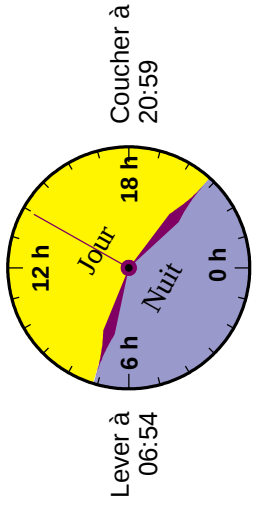
13

# Avril 2023



Neufchatel-en-Saosnois

0.24°E, 43.37°N



Est Élévation du Soleil le 21 Avril Ouest

Durée du jour le 21 Avril

Levers et couchers du Soleil à Neufchatel-en-Saosnois (TL  $\pm$  1 mn) et élévation maximale du Soleil (°)

Lundi

Mardi

Mercredi

Jeudi

Vendredi

Samedi

Dimanche

13

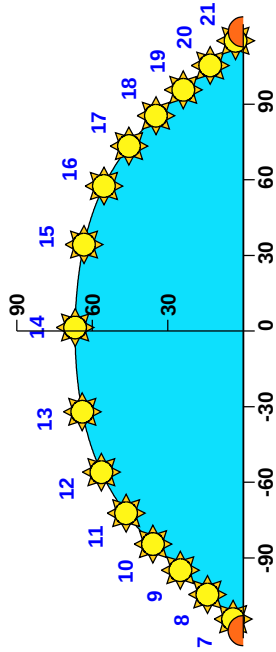
|                                             |                                             |                                             |                                             |                                             |                                             |                                             |
|---------------------------------------------|---------------------------------------------|---------------------------------------------|---------------------------------------------|---------------------------------------------|---------------------------------------------|---------------------------------------------|
| <b>3</b><br>93 - 272<br>07:38 - 20:28 52°   | <b>4</b><br>94 - 271<br>07:36 - 20:29 52°   | <b>5</b><br>95 - 270<br>07:35 - 20:30 53°   | <b>6</b><br>96 - 269<br>07:33 - 20:31 53°   | <b>7</b><br>97 - 268<br>07:31 - 20:32 53°   | <b>8</b><br>98 - 267<br>07:29 - 20:34 54°   | <b>9</b><br>99 - 266<br>07:28 - 20:35 54°   |
| <b>10</b><br>100 - 265<br>07:26 - 20:36 55° | <b>11</b><br>101 - 264<br>07:24 - 20:37 55° | <b>12</b><br>102 - 263<br>07:23 - 20:38 55° | <b>13</b><br>103 - 262<br>07:21 - 20:39 56° | <b>14</b><br>104 - 261<br>07:19 - 20:41 56° | <b>15</b><br>105 - 260<br>07:18 - 20:42 56° | <b>16</b><br>106 - 259<br>07:16 - 20:43 57° |
| <b>17</b><br>107 - 258<br>07:14 - 20:44 57° | <b>18</b><br>108 - 257<br>07:13 - 20:45 57° | <b>19</b><br>109 - 256<br>07:11 - 20:47 58° | <b>20</b><br>110 - 255<br>07:09 - 20:48 58° | <b>21</b><br>111 - 254<br>07:08 - 20:49 59° | <b>22</b><br>112 - 253<br>07:06 - 20:50 59° | <b>23</b><br>113 - 252<br>07:05 - 20:51 59° |
| <b>24</b><br>114 - 251<br>07:03 - 20:52 60° | <b>25</b><br>115 - 250<br>07:02 - 20:54 60° | <b>26</b><br>116 - 249<br>07:00 - 20:55 60° | <b>27</b><br>117 - 248<br>06:59 - 20:56 60° | <b>28</b><br>118 - 247<br>06:57 - 20:57 61° | <b>29</b><br>119 - 246<br>06:56 - 20:58 61° | <b>30</b><br>120 - 245<br>06:54 - 20:59 61° |

14

15

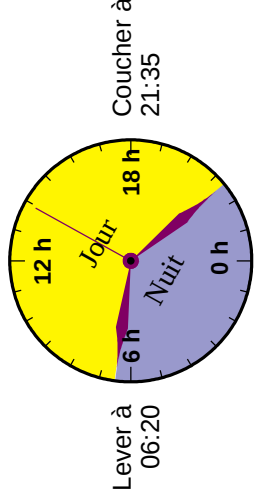
16

17



# Mai 2023

Neufchatel-en-Saosnois  
0.24°E, 43.37°N

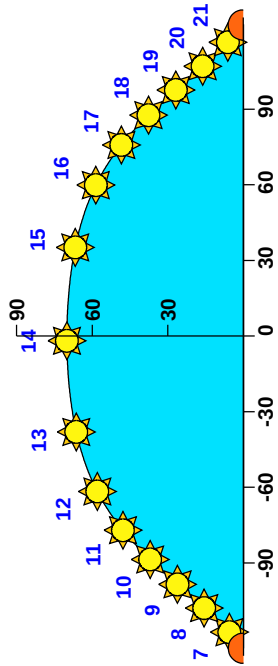


## Est Élévation du Soleil le 21 Mai Ouest

Durée du jour le 21 Mai

Levers et couchers du Soleil à Neufchatel-en-Saosnois (TL  $\pm$  1 mn) et élévation maximale du Soleil (°)

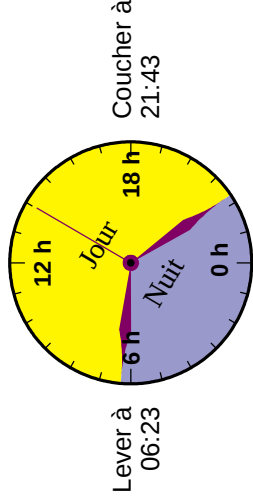
| Lundi |                                | Mardi |                                | Mercredi |                                | Jeudi |                                | Vendredi |                                | Samedi |                                | Dimanche |                                |
|-------|--------------------------------|-------|--------------------------------|----------|--------------------------------|-------|--------------------------------|----------|--------------------------------|--------|--------------------------------|----------|--------------------------------|
| 1     | 121 - 244<br>06:53 - 21:01 62° | 2     | 122 - 243<br>06:51 - 21:02 62° | 3        | 123 - 242<br>06:50 - 21:03 62° | 4     | 124 - 241<br>06:49 - 21:04 63° | 5        | 125 - 240<br>06:47 - 21:05 63° | 6      | 126 - 239<br>06:46 - 21:06 63° | 7        | 127 - 238<br>06:45 - 21:08 63° |
| 8     | 128 - 237<br>06:44 - 21:09 64° | 9     | 129 - 236<br>06:42 - 21:10 64° | 10       | 130 - 235<br>06:41 - 21:11 64° | 11    | 131 - 234<br>06:40 - 21:12 65° | 12       | 132 - 233<br>06:39 - 21:13 65° | 13     | 133 - 232<br>06:38 - 21:14 65° | 14       | 134 - 231<br>06:36 - 21:15 65° |
| 15    | 135 - 230<br>06:35 - 21:16 66° | 16    | 136 - 229<br>06:34 - 21:17 66° | 17       | 137 - 228<br>06:33 - 21:19 66° | 18    | 138 - 227<br>06:32 - 21:20 66° | 19       | 139 - 226<br>06:31 - 21:21 66° | 20     | 140 - 225<br>06:30 - 21:22 67° | 21       | 141 - 224<br>06:30 - 21:23 67° |
| 22    | 142 - 223<br>06:29 - 21:24 67° | 23    | 143 - 222<br>06:28 - 21:25 67° | 24       | 144 - 221<br>06:27 - 21:26 67° | 25    | 145 - 220<br>06:26 - 21:27 68° | 26       | 146 - 219<br>06:26 - 21:27 68° | 27     | 147 - 218<br>06:25 - 21:28 68° | 28       | 148 - 217<br>06:24 - 21:29 68° |
| 29    | 149 - 216<br>06:23 - 21:30 68° | 30    | 150 - 215<br>06:23 - 21:31 68° | 31       | 151 - 214<br>06:22 - 21:32 69° |       |                                |          |                                |        |                                |          |                                |



# Juin 2023

Neufchatel-en-Saosnois

0.24°E, 43.37°N



## Est Élévation du Soleil le 21 Juin Ouest

Durée du jour le 21 Juin

Levers et couchers du Soleil à Neufchatel-en-Saosnois (TL  $\pm$  1 mn) et élévation maximale du Soleil (°)

Lundi

Mardi

Mercredi

Jeudi

Vendredi

Samedi

Dimanche

22

5156 - 20906:20 - 21:36 69°

6157 - 20806:20 - 21:36 69°

7158 - 20706:19 - 21:37 69°

8159 - 20606:19 - 21:38 69°

9160 - 20506:19 - 21:38 70°

10161 - 20406:19 - 21:39 70°

11162 - 20306:18 - 21:39 70°

12163 - 20206:18 - 21:40 70°

13164 - 20106:18 - 21:40 70°

14165 - 20006:18 - 21:41 70°

15166 - 19906:18 - 21:41 70°

16167 - 19806:18 - 21:42 70°

17168 - 19706:18 - 21:42 70°

18169 - 19606:18 - 21:42 70°

19170 - 19506:18 - 21:43 70°

20171 - 19406:19 - 21:43 70°

21172 - 19306:19 - 21:43 70°

22173 - 19206:19 - 21:43 70°

23174 - 19106:19 - 21:44 70°

24175 - 19006:19 - 21:44 70°

25176 - 18906:20 - 21:44 70°

26177 - 18806:20 - 21:44 70°

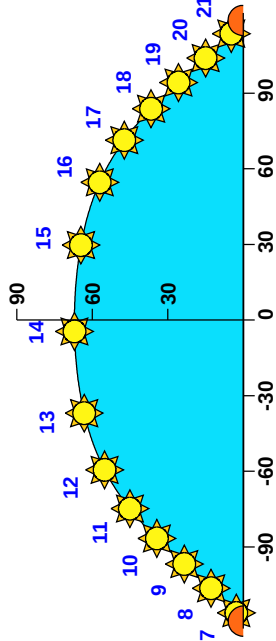
27178 - 18706:21 - 21:44 70°

28179 - 18606:21 - 21:44 70°

29180 - 18506:21 - 21:44 70°

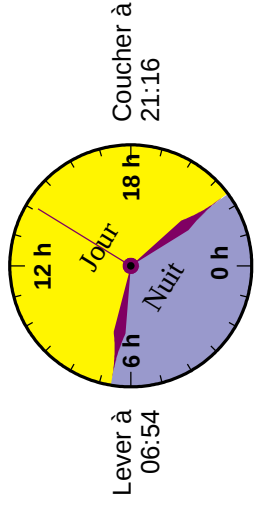
30181 - 18406:22 - 21:44 70°

# Juillet 2023



Neufchatel-en-Saosnois

0.24°E, 43.37°N

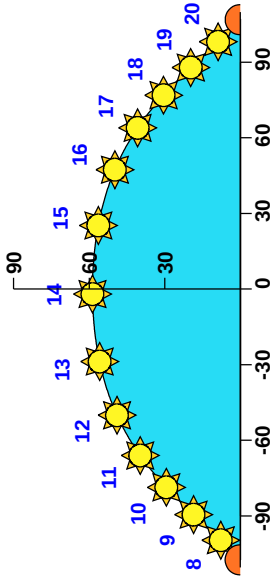


Est Élévation du Soleil le 21 Juil Ouest

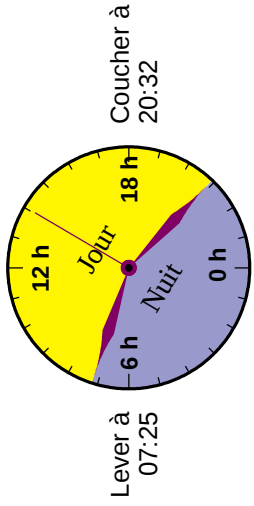
Durée du jour le 21 Juillet

Levers et couchers du Soleil à Neufchatel-en-Saosnois (TL  $\pm$  1 mn) et élévation maximale du Soleil (°)

| Lundi                                |  | Mardi                                |  | Mercredi                             |  | Jeudi                                |  | Vendredi                             |  | Samedi                               |  | Dimanche                             |  |
|--------------------------------------|--|--------------------------------------|--|--------------------------------------|--|--------------------------------------|--|--------------------------------------|--|--------------------------------------|--|--------------------------------------|--|
| 3<br>184 - 181<br>06:23 - 21:43 70°  |  | 4<br>185 - 180<br>06:24 - 21:43 70°  |  | 5<br>186 - 179<br>06:25 - 21:43 69°  |  | 6<br>187 - 178<br>06:25 - 21:42 69°  |  | 7<br>188 - 177<br>06:26 - 21:42 69°  |  | 1<br>182 - 183<br>06:22 - 21:44 70°  |  | 2<br>183 - 182<br>06:23 - 21:43 70°  |  |
| 10<br>191 - 174<br>06:28 - 21:41 69° |  | 11<br>192 - 173<br>06:29 - 21:40 69° |  | 12<br>193 - 172<br>06:30 - 21:40 69° |  | 13<br>194 - 171<br>06:30 - 21:39 68° |  | 14<br>195 - 170<br>06:31 - 21:38 68° |  | 8<br>189 - 176<br>06:27 - 21:42 69°  |  | 9<br>190 - 175<br>06:27 - 21:41 69°  |  |
| 17<br>198 - 167<br>06:34 - 21:36 68° |  | 18<br>199 - 166<br>06:35 - 21:36 68° |  | 19<br>200 - 165<br>06:36 - 21:35 67° |  | 20<br>201 - 164<br>06:37 - 21:34 67° |  | 21<br>202 - 163<br>06:38 - 21:33 67° |  | 15<br>196 - 169<br>06:32 - 21:38 68° |  | 16<br>197 - 168<br>06:33 - 21:37 68° |  |
| 24<br>205 - 160<br>06:40 - 21:30 66° |  | 25<br>206 - 159<br>06:41 - 21:29 66° |  | 26<br>207 - 158<br>06:42 - 21:28 66° |  | 27<br>208 - 157<br>06:43 - 21:27 66° |  | 28<br>209 - 156<br>06:44 - 21:26 66° |  | 22<br>203 - 162<br>06:39 - 21:32 67° |  | 23<br>204 - 161<br>06:39 - 21:31 67° |  |
| 31<br>212 - 153<br>06:48 - 21:23 65° |  | 30                                   |  | 31                                   |  | 32                                   |  | 33                                   |  | 29<br>210 - 155<br>06:46 - 21:25 65° |  | 30<br>211 - 154<br>06:47 - 21:24 65° |  |



# Août 2023



Neufchatel-en-Saosnois  
0.24°E, 43.37°N

## Est Élévation du Soleil le 21 Août Ouest

Durée du jour le 21 Août

Levers et couchers du Soleil à Neufchatel-en-Saosnois (TL ± 1 mn) et élévation maximale du Soleil (°)

Lundi

Mardi

Mercredi

Jeudi

Vendredi

Samedi

Dimanche

|                                      |                                      |                                      |                                      |                                      |                                      |                                      |
|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| 7<br>219 - 146<br>06:55 - 21:14 63°  | 1<br>213 - 152<br>06:49 - 21:22 65°  | 2<br>214 - 151<br>06:50 - 21:21 64°  | 3<br>215 - 150<br>06:51 - 21:19 64°  | 4<br>216 - 149<br>06:52 - 21:18 64°  | 5<br>217 - 148<br>06:53 - 21:17 64°  | 6<br>218 - 147<br>06:54 - 21:16 63°  |
| 14<br>226 - 139<br>07:03 - 21:04 61° | 8<br>220 - 145<br>06:56 - 21:13 63°  | 9<br>221 - 144<br>06:57 - 21:12 62°  | 10<br>222 - 143<br>06:58 - 21:10 62° | 11<br>223 - 142<br>06:59 - 21:09 62° | 12<br>224 - 141<br>07:01 - 21:07 62° | 13<br>225 - 140<br>07:02 - 21:06 61° |
| 21<br>233 - 132<br>07:11 - 20:54 59° | 15<br>227 - 138<br>07:04 - 21:03 61° | 16<br>228 - 137<br>07:05 - 21:01 60° | 17<br>229 - 136<br>07:06 - 21:00 60° | 18<br>230 - 135<br>07:07 - 20:58 60° | 19<br>231 - 134<br>07:08 - 20:57 59° | 20<br>232 - 133<br>07:09 - 20:55 59° |
| 28<br>240 - 125<br>07:18 - 20:42 56° | 22<br>234 - 131<br>07:12 - 20:52 58° | 23<br>235 - 130<br>07:13 - 20:50 58° | 24<br>236 - 129<br>07:14 - 20:49 58° | 25<br>237 - 128<br>07:15 - 20:47 57° | 26<br>238 - 127<br>07:16 - 20:45 57° | 27<br>239 - 126<br>07:17 - 20:44 57° |

31

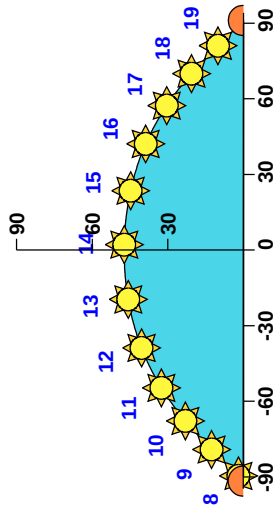
32

33

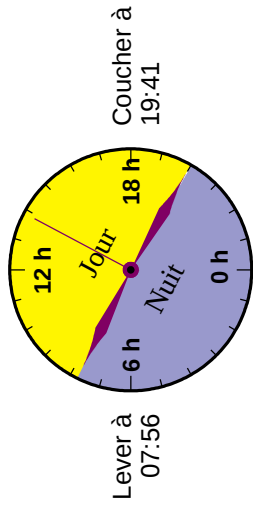
34

35

# Septembre 2023



Neufchatel-en-Saosnois  
0.24°E, 43.37°N



Est Élévation du Soleil le 21 Sept. Ouest

Durée du jour le 21 Septembre  
Levers et couchers du Soleil à Neufchatel-en-Saosnois (TL  $\pm 1$  mn) et élévation maximale du Soleil (°)

| Lundi                                | Mardi                                | Mercredi                             | Jeudi                                | Vendredi                             | Samedi                               | Dimanche                             |
|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| 35                                   | 36                                   | 37                                   | 38                                   | 39                                   |                                      |                                      |
| 4<br>247 - 118<br>07:26 - 20:30 54°  | 5<br>248 - 117<br>07:27 - 20:28 53°  | 6<br>249 - 116<br>07:28 - 20:26 53°  | 7<br>250 - 115<br>07:29 - 20:24 53°  | 1<br>244 - 121<br>07:23 - 20:35 55°  | 2<br>245 - 120<br>07:24 - 20:33 55°  | 3<br>246 - 119<br>07:25 - 20:32 54°  |
| 11<br>254 - 111<br>07:34 - 20:17 51° | 12<br>255 - 110<br>07:35 - 20:15 51° | 13<br>256 - 109<br>07:36 - 20:14 50° | 14<br>257 - 108<br>07:37 - 20:12 50° | 8<br>251 - 114<br>07:30 - 20:23 52°  | 9<br>252 - 113<br>07:32 - 20:21 52°  | 10<br>253 - 112<br>07:33 - 20:19 52° |
| 18<br>261 - 104<br>07:42 - 20:05 49° | 19<br>262 - 103<br>07:43 - 20:03 48° | 20<br>263 - 102<br>07:44 - 20:01 48° | 21<br>264 - 101<br>07:45 - 19:59 47° | 15<br>258 - 107<br>07:38 - 20:10 50° | 16<br>259 - 106<br>07:39 - 20:08 49° | 17<br>260 - 105<br>07:40 - 20:06 49° |
| 25<br>268 - 97<br>07:49 - 19:52 46°  | 26<br>269 - 96<br>07:50 - 19:50 45°  | 27<br>270 - 95<br>07:52 - 19:48 45°  | 28<br>271 - 94<br>07:53 - 19:46 45°  | 22<br>265 - 100<br>07:46 - 19:57 47° | 23<br>266 - 99<br>07:47 - 19:55 47°  | 24<br>267 - 98<br>07:48 - 19:54 46°  |

## 33



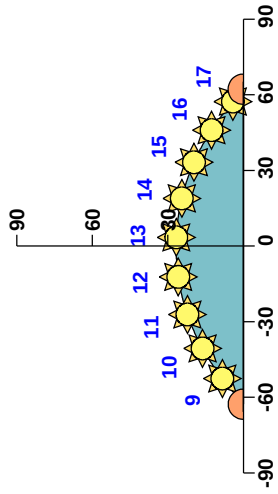
42

43

44

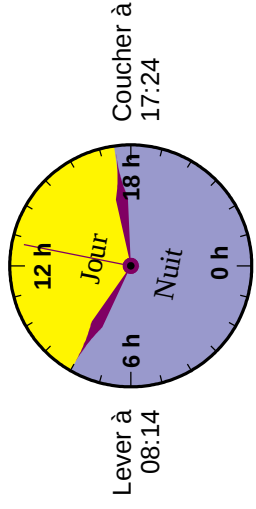
Calendrier Solaire © P. Robert / ScientiDev, Déc. 2014

# Novembre 2023



Neufchatel-en-Saosnois

0.24°E, 43.37°N



Est Élévation du Soleil le 21 Nov. Ouest

Durée du jour le 21 Novembre

Levers et couchers du Soleil à Neufchatel-en-Saosnois (TL  $\pm$  1 mm) et élévation maximale du Soleil (°)

Lundi

Mardi

Mercredi

Jeudi

Vendredi

Samedi

Dimanche

44

6 310 - 55  
07:40 - 17:45 31°

7 311 - 54  
07:42 - 17:44 30°

1 305 - 60  
07:34 - 17:51 32°

2 306 - 59  
07:35 - 17:50 32°

3 307 - 58  
07:36 - 17:48 32°

4 308 - 57  
07:38 - 17:47 31°

5 309 - 56  
07:39 - 17:46 31°

45

13 317 - 48  
07:49 - 17:37 29°

14 318 - 47  
07:51 - 17:36 28°

15 319 - 46  
07:52 - 17:35 28°

16 320 - 45  
07:53 - 17:34 28°

17 321 - 44  
07:55 - 17:33 28°

18 322 - 43  
07:56 - 17:32 27°

19 323 - 42  
07:57 - 17:32 27°

46

20 324 - 41  
07:58 - 17:31 27°

21 325 - 40  
08:00 - 17:30 27°

22 326 - 39  
08:01 - 17:29 27°

23 327 - 38  
08:02 - 17:29 26°

24 328 - 37  
08:03 - 17:28 26°

25 329 - 36  
08:04 - 17:27 26°

26 330 - 35  
08:06 - 17:27 26°

47

27 331 - 34  
08:07 - 17:26 26°

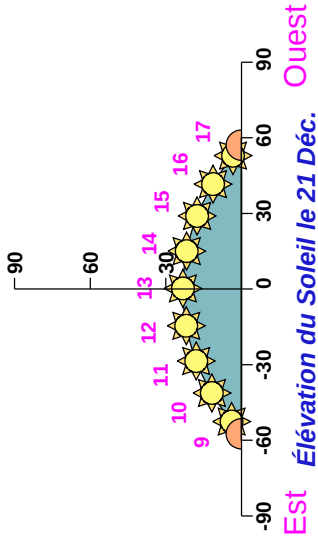
28 332 - 33  
08:08 - 17:26 25°

29 333 - 32  
08:09 - 17:25 25°

30 334 - 31  
08:10 - 17:25 25°

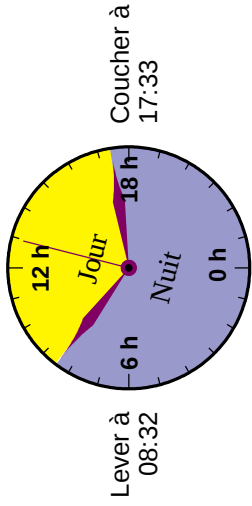
48

# Décembre 2023



Neufchatel-en-Saosnois

0.24°E, 43.37°N



Est Élévation du Soleil le 21 Déc. Ouest

Durée du jour le 21 Décembre

Levers et couchers du Soleil à Neufchatel-en-Saosnois (TL  $\pm$  1 mn) et élévation maximale du Soleil (°)

Lundi

Mardi

Mercredi

Jeudi

Vendredi

Samedi

Dimanche

48

4  
08:15 - 17:24 24°

5  
08:16 - 17:24 24°

6  
08:17 - 17:23 24°

7  
08:18 - 17:23 24°

8  
08:19 - 17:23 24°

9  
08:20 - 17:23 24°

10  
08:20 - 17:23 24°

11  
08:21 - 17:23 24°

12  
08:22 - 17:23 24°

13  
08:23 - 17:23 24°

14  
08:24 - 17:24 23°

15  
08:24 - 17:24 23°

16  
08:25 - 17:24 23°

17  
08:26 - 17:24 23°

18  
08:27 - 17:25 23°

19  
08:27 - 17:25 23°

20  
08:28 - 17:26 23°

21  
08:28 - 17:26 23°

22  
08:29 - 17:26 23°

23  
08:29 - 17:27 23°

24  
08:30 - 17:28 23°

25  
08:30 - 17:28 23°

26  
08:30 - 17:29 23°

27  
08:31 - 17:30 23°

28  
08:31 - 17:30 23°

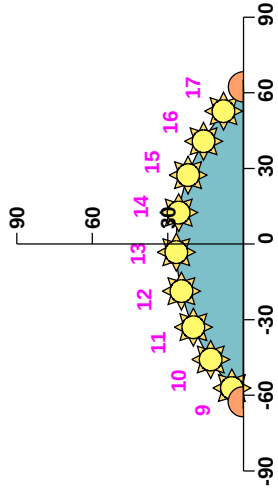
29  
08:31 - 17:31 23°

30  
08:31 - 17:32 24°

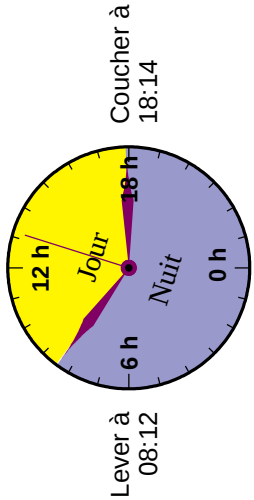
31  
08:32 - 17:33 24°

52

# Janvier 2024



Neufchatel-en-Saosnois  
0.24°E, 43.37°N



Est Élévation du Soleil le 21 Jan. Ouest

Durée du jour le 21 Janvier

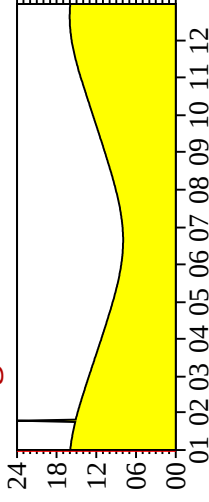
Levers et couchers du Soleil à Neufchatel-en-Saosnois (TL ± 1 mn) et élévation maximale du Soleil (°)

Lundi Mardi Mercredi Jeudi Vendredi Samedi Dimanche

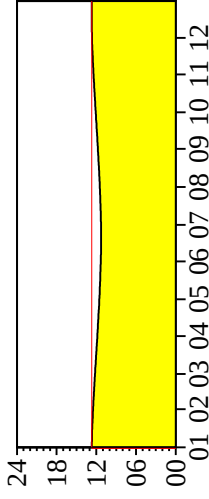
|   |                              |                               |  |  |    |                               |    |                               |    |                               |    |                               |    |                               |
|---|------------------------------|-------------------------------|--|--|----|-------------------------------|----|-------------------------------|----|-------------------------------|----|-------------------------------|----|-------------------------------|
| 1 | 1 - 365<br>08:32 - 17:33 24° |                               |  |  | 10 | 10 - 356<br>08:31 - 17:42 25° | 11 | 11 - 355<br>08:31 - 17:43 25° | 12 | 12 - 354<br>08:30 - 17:45 25° | 13 | 13 - 353<br>08:30 - 17:46 25° | 14 | 14 - 352<br>08:30 - 17:47 25° |
| 2 | 8                            | 8 - 358<br>08:31 - 17:40 24°  |  |  | 9  | 9 - 357<br>08:31 - 17:41 25°  | 16 | 16 - 350<br>08:29 - 17:49 26° | 17 | 17 - 349<br>08:28 - 17:51 26° | 18 | 18 - 348<br>08:27 - 17:52 26° | 19 | 19 - 347<br>08:27 - 17:53 26° |
| 3 | 15                           | 15 - 351<br>08:29 - 17:48 26° |  |  | 23 | 23 - 343<br>08:24 - 17:58 27° | 24 | 24 - 342<br>08:23 - 17:59 27° | 25 | 25 - 341<br>08:22 - 18:01 28° | 26 | 26 - 340<br>08:22 - 18:02 28° | 27 | 27 - 339<br>08:21 - 18:03 28° |
| 4 | 22                           | 22 - 344<br>08:25 - 17:57 27° |  |  | 30 | 30 - 336<br>08:18 - 18:07 29° | 31 | 31 - 335<br>08:17 - 18:09 29° |    |                               |    |                               |    |                               |
| 5 | 29                           | 29 - 337<br>08:19 - 18:06 29° |  |  |    |                               |    |                               |    |                               |    |                               | 21 | 21 - 345<br>08:26 - 17:56 27° |
|   |                              |                               |  |  |    |                               |    |                               |    |                               |    |                               | 28 | 28 - 338<br>08:20 - 18:05 28° |

# Day duration for any cities for 2024

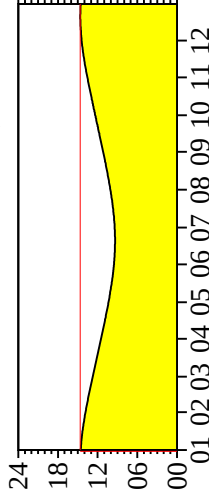
**Kerguelen** 69.33°E, -49.33°N



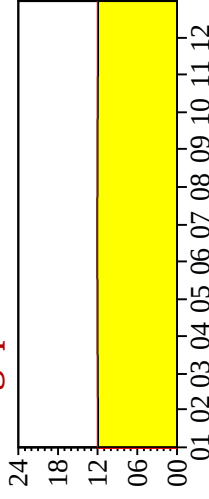
**Lima** -77.03°E, -12.05°N



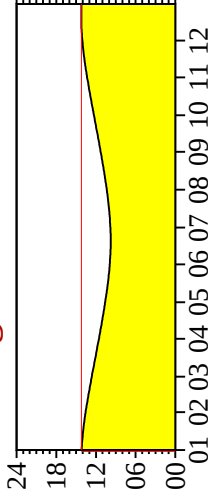
**Melbourne** 144.97°E, -37.81°N



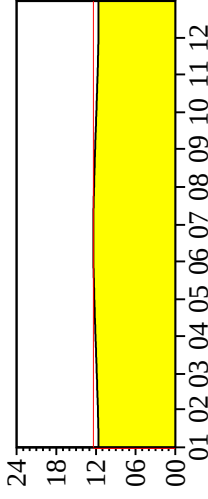
**Singapour** 103.85°E, 1.03°N



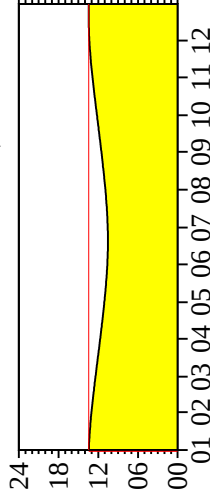
**Santiago** -70.65°E, -33.43°N



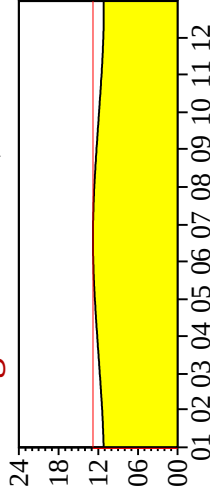
**Colombo** 79.83°E, 6.92°N



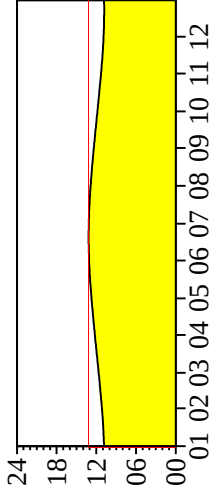
**Sao Paulo** -46.63°E, -23.55°N



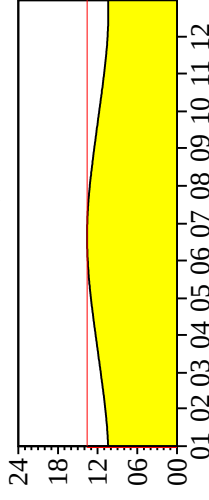
**Bangkok** 100.49°E, 13.75°N



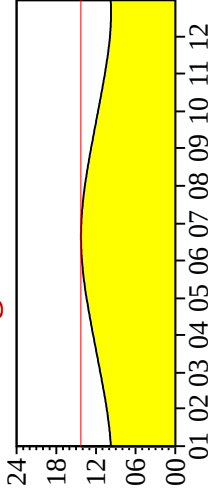
**Mexico** -99.13°E, 19.43°N



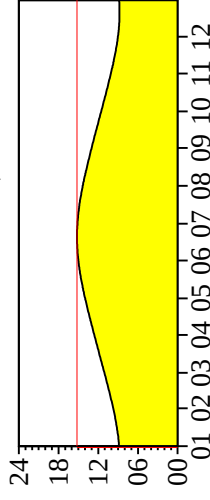
**Miami** -80.22°E, 25.78°N



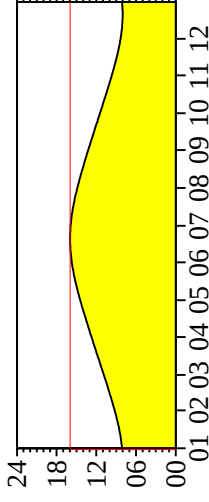
**Los Angeles** -118.24°E, 34.05°N



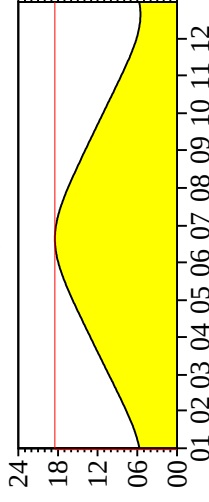
**Marseille** 5.38°E, 43.3°N



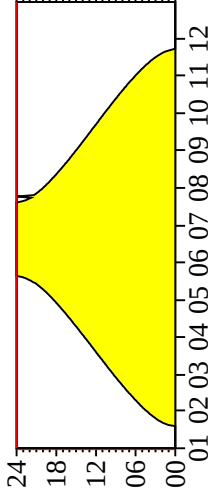
**Paris** 2.35°E, 48.86°N



**Oslo** 10.75°E, 59.92°N



**Tromso** 18.97°E, 69.66°N



**Ny Alesund** 11.92°E, 78.92°N

