| Date | Replicate | Treatment | LightLevel | Season | Starttime | Endtime | CH4flux | GA | LAItot | LAIaer | LAISchPal | DOC7 | DOC20 | DOC50 | Tsoil7 | Tsoil20 | d13Cemitted | d13C7 | d13C20 | d13C50 | CH4conc7 | CH4conc20 | CH4conc50 | WTD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2021-07-14 | 5 | PSV | D | Summer | 2021-07-1 | 2021-07-1 | 860.7 | LI7810 | 0.326 | 0.324 | 0.046 | | | | | | | | | | | | | 8 |
| 2021-07-14 | 5 | PSV | 1 | Summer | 2021-07-1 | 2021-07-1 | 368.1 | LI7810 | 0.326 | 0.324 | 0.046 | | | | | | | | | | | | | 8 |
| 2021-07-14 | 5 | PSV | L | Summer | 2021-07-1 | 2021-07-1 | 2171.3 | LI7810 | 0.326 | 0.324 | 0.046 | | | | | | | | | | | | | 8 |
| 2021-07-14 | 5 | PSV | 2 | Summer | 2021-07-1 | 2021-07-1 | 1518.0 | LI7810 | 0.326 | 0.324 | 0.046 | | | | | | | | | | | | | 8 |
| 2021-07-14 | 5 | PS | 1 | Summer | 2021-07-1 | 2021-07-1 | 2224.8 | LI7810 | | | | | | | | | | | | | | | | 8 |
| 2021-07-14 | 5 | PS | 2 | Summer | 2021-07-1 | 2021-07-1 | 764.2 | LI7810 | | | | | | | | | | | | | | | | 8 |
| 2021-07-14 | 5 | PS | D | Summer | 2021-07-1 | 2021-07-1 | 934.4 | LI7810 | | | | | | | | | | | | | | | | 8 |
| 2021-07-15 | 3 | PSV | 1 | Summer | | | | | 0.294 | 0.266 | 0.176 | 29.4 | 30.8 | 33.1 | 18.7 | 18.0 | | | | | | | | 9 |
| 2021-07-15 | 3 | PSV | L | Summer | | | | | 0.294 | 0.266 | 0.176 | 29.4 | 30.8 | 33.1 | 18.7 | 18.0 | | | | | | | | 9 |
| 2021-07-15 | 3 | PSV | D | Summer | | | | | 0.294 | 0.266 | 0.176 | 29.4 | 30.8 | 33.1 | 18.7 | 18.0 | | | | | | | | 9 |
| 2021-07-15 | 3 | PS | L | Summer | 2021-07-1 | 2021-07-1 | 536.4 | LI7810 | | | | 23.1 | 27.5 | 32.7 | 17.8 | 17.8 | | | | | | | | 9 |
| 2021-07-15 | 3 | PS | 1 | Summer | 2021-07-1 | 2021-07-1 | 757.4 | LI7810 | | | | 23.1 | 27.5 | 32.7 | 17.8 | 17.8 | | | | | | | | 9 |
| 2021-07-15 | 3 | P | D | Summer | 2021-07-1 | 2021-07-1 | 1639.4 | LI7810 | | | | | 27.5 | 32.7 | 17.8 | 17.8 | | | | | | | | 9 |
| 2021-07-15 | 4 | PSV | 1 | Summer | 2021-07-1 | 2021-07-1 | 1033.1 | LI7810 | 0.206 | 0.205 | 0.046 | 31.1 | 26.6 | 27.2 | 17.2 | 17.4 | | | | | | | | 10 |
| 2021-07-15 | 4 | PSV | L | Summer | 2021-07-1 | 2021-07-1 | 301.1 | LI7810 | 0.206 | 0.205 | 0.046 | 31.1 | 26.6 | 27.2 | 17.2 | 17.4 | | | | | | | | 10 |
| 2021-07-15 | 4 | PSV | 2 | Summer | 2021-07-1 | 2021-07-1 | 573.5 | LI7810 | 0.206 | 0.205 | 0.046 | 31.1 | 26.6 | 27.2 | 17.2 | 17.4 | | | | | | | | 10 |
| 2021-07-15 | 4 | PS | L | Summer | 2021-07-1 | 2021-07-1 | 637.9 | LI7810 | | | | 29.8 | 24.2 | 31.2 | 16.6 | 16.8 | | | | | | | | 10 |
| 2021-07-15 | 4 | PS | 1 | Summer | 2021-07-1 | 2021-07-1 | 1523.6 | LI7810 | | | | 29.8 | 24.2 | 31.2 | 16.6 | 16.8 | | | | | | | | 10 |
| 2021-07-15 | 4 | PS | 2 | Summer | 2021-07-1 | 2021-07-1 | 718.8 | LI7810 | | | | 29.8 | 24.2 | 31.2 | 16.6 | 16.8 | | | | | | | | 10 |
| 2021-07-15 | 4 | PS | D | Summer | 2021-07-1 | 2021-07-1 | 258.2 | LI7810 | | | | 29.8 | 24.2 | 31.2 | 16.6 | 16.8 | | | | | | | | 10 |
| 2021-07-15 | 4 | P | D | Summer | 2021-07-1 | 2021-07-1 | 197.7 | LI7810 | | | | | 24.2 | 31.2 | 16.6 | 16.8 | | | | | | | | 10 |
| 2021-07-19 | 1 | PSV | 2 | Summer | 2021-07-1 | 2021-07-1 | 134.0 | LI7810 | 0.232 | 0.211 | 0.131 | 28.9 | 32.3 | 25.8 | 16.5 | 16.8 | | | | | | | | 8 |
| 2021-07-19 | 1 | PSV | 1 | Summer | 2021-07-1 | 2021-07-1 | 123.0 | LI7810 | 0.232 | 0.211 | 0.131 | 28.9 | 32.3 | 25.8 | 16.5 | 16.8 | | | | | | | | 8 |
| 2021-07-19 | 1 | PSV | D | Summer | 2021-07-1 | 2021-07-1 | 140.0 | LI7810 | 0.232 | 0.211 | 0.131 | 28.9 | 32.3 | 25.8 | 16.5 | 16.8 | | | | | | | | 8 |
| 2021-07-19 | 1 | PS | 1 | Summer | 2021-07-1 | 2021-07-1 | 35.7 | LI7810 | | | | 27.8 | 32.4 | 25.8 | 17.9 | 18.0 | | | | | | | | 8 |
| 2021-07-19 | 1 | PS | 2 | Summer | 2021-07-1 | 2021-07-1 | 19.3 | LI7810 | | | | 27.8 | 32.4 | 25.8 | 17.9 | 18.0 | | | | | | | | 8 |
| 2021-07-19 | 1 | PS | L | Summer | 2021-07-1 | 2021-07-1 | 47.1 | LI7810 | | | | 27.8 | 32.4 | 25.8 | 17.9 | 18.0 | | | | | | | | 8 |
| 2021-07-19 | 1 | P | D | Summer | 2021-07-1 | 2021-07-1 | 274.9 | LI7810 | | | | | 32.4 | 25.8 | 17.9 | 18.0 | | | | | | | | 8 |
| 2021-07-27 | 5 | PSV | L | Summer | 2021-07-2 | 2021-07-2 | 2094.8 | LI7810 | 0.197 | 0.196 | 0.051 | | | | | | | | | | | | | 11 |
| 2021-07-27 | 5 | PSV | D | Summer | 2021-07-2 | 2021-07-2 | 574.5 | LI7810 | 0.197 | 0.196 | 0.051 | | | | | | | | | | | | | 11 |
| 2021-07-27 | 5 | PS | L | Summer | 2021-07-2 | 2021-07-2 | 208.4 | LI7810 | | | | | | | | | | | | | | | | 11 |
| 2021-07-27 | 5 | PS | D | Summer | 2021-07-2 | 2021-07-2 | 160.4 | LI7810 | | | | | | | | | | | | | | | | 11 |
| 2021-07-27 | 5 | P | D | Summer | 2021-07-2 | 2021-07-2 | 1114.1 | LI7810 | | | | | | | | | | | | | | | | 11 |
| 2021-07-28 | 4 | PSV | D | Summer | 2021-07-2 | 2021-07-2 | 168.5 | LI7810 | 0.151 | 0.149 | 0.051 | 37.3 | 27.8 | 27.8 | 16.5 | 17.6 | | | | | | | | 12 |
| 2021-07-28 | 4 | PSV | L | Summer | 2021-07-2 | 2021-07-2 | 179.2 | LI7810 | 0.151 | 0.149 | 0.051 | 37.3 | 27.8 | 27.8 | 16.5 | 17.6 | | | | | | | | 12 |
| 2021-07-28 | 4 | PS | L | Summer | 2021-07-2 | 2021-07-2 | 149.1 | LI7810 | | | | 28.3 | 28.1 | 29.8 | 16.0 | 17.3 | | | | | | | | 12 |
| 2021-07-28 | 4 | PS | D | Summer | 2021-07-2 | 2021-07-2 | 239.7 | LI7810 | | | | 28.3 | 28.1 | 29.8 | 16.0 | 17.3 | | | | | | | | 12 |
| 2021-07-28 | 4 | P | L | Summer | | | | | | | | 25.2 | 30.6 | | | 17.3 | | | | | | | | 12 |
| 2021-07-28 | 4 | P | D | Summer | 2021-07-2 | 2021-07-2 | 787.6 | LI7810 | | | | | 28.1 | 29.8 | 16.0 | 17.3 | | | | | | | | 12 |
| 2021-07-30 | 3 | PSV | L | Summer | 2021-07-3 | 2021-07-3 | 163.7 | LI7810 | 0.249 | 0.215 | 0.164 | 34.6 | 30.9 | 29.1 | 17.5 | 18.2 | | | | | | | | 7 |
| 2021-07-30 | 3 | PSV | D | Summer | 2021-07-3 | 2021-07-3 | 468.6 | LI7810 | 0.249 | 0.215 | 0.164 | 34.6 | 30.9 | 29.1 | 17.5 | 18.2 | | | | | | | | 7 |
| 2021-07-30 | 3 | PS | L | Summer | 2021-07-3 | 2021-07-3 | 69.8 | LI7810 | | | | 32.5 | 28.0 | 29.2 | 17.2 | 17.9 | | | | | | | | 7 |
| 2021-07-30 | 3 | PS | D | Summer | 2021-07-3 | 2021-07-3 | 63.4 | LI7810 | | | | 32.5 | 28.0 | 29.2 | 17.2 | 17.9 | | | | | | | | 7 |
| 2021-07-30 | 3 | PS | L | Summer | 2021-07-3 | 2021-07-3 | 105.9 | LI7810 | | | | 32.5 | 28.0 | 29.2 | 17.2 | 17.9 | | | | | | | | 7 |
| 2021-07-30 | 3 | P | D | Summer | 2021-07-3 | 2021-07-3 | 1783.5 | LI7810 | | | | | 28.0 | 29.2 | 17.2 | 17.9 | | | | | | | | 7 |
| 2021-08-02 | 1 | PSV | D | Summer | 2021-08-C | 2021-08-C | 138.0 | LI7810 | 0.231 | 0.209 | 0.130 | 37.6 | 34.8 | 30.9 | 16.5 | 17.9 | | | | | | | | 8 |
| 2021-08-02 | 1 | PSV | L | Summer | 2021-08-C | 2021-08-C | 119.3 | LI7810 | 0.231 | 0.209 | 0.130 | 37.6 | 34.8 | 30.9 | 16.5 | 17.9 | | | | | | | | 8 |
| 2021-08-02 | 1 | PS | L | Summer | 2021-08-C | 2021-08-C | 20.1 | LI7810 | | | | 28.8 | 28.5 | 33.4 | 18.0 | 18.0 | | | | | | | | 8 |
| 2021-08-02 | 1 | PS | D | Summer | 2021-08-C | 2021-08-C | 8.3 | LI7810 | | | | 28.8 | 28.5 | 33.4 | 18.0 | 18.0 | | | | | | | | 8 |
| 2021-08-02 | 1 | P | D | Summer | 2021-08-C | 2021-08-C | 286.9 | LI7810 | | | | | 28.5 | 33.4 | 18.0 | 18.0 | | | | | | | | 8 |
| 2021-08-02 | 2 | PSV | L | Summer | 2021-08-C | 2021-08-C | 390.4 | LI7810 | 0.189 | 0.178 | 0.111 | | | | | | | | | | | | | 6 |
| 2021-08-02 | 2 | PSV | D | Summer | 2021-08-C | 2021-08-C | 329.3 | LI7810 | 0.189 | 0.178 | 0.111 | | | | | | | | | | | | | 6 |
| 2021-08-02 | 2 | PS | L | Summer | 2021-08-C | 2021-08-C | 33.6 | LI7810 | | | | | | | | | | | | | | | | 6 |
| 2021-08-02 | 2 | PS | D | Summer | 2021-08-C | 2021-08-C | 21.1 | LI7810 | | | | | | | | | | | | | | | | 6 |
| 2021-08-02 | 2 | P | D | Summer | 2021-08-C | 2021-08-C | 2077.5 | LI7810 | | | | | | | | | | | | | | | | 6 |
| 2021-10-28 | 4 | PSV | L | Fall | 2021-10-2 | 2021-10-2 | 16.0 | LI7810 | | | | | 31.1 | | | 5.8 | | | | | | | | 6 |
| 2021-10-28 | 4 | PSV | D | Fall | 2021-10-2 | 2021-10-2 | 12.8 | LI7810 | | | | | 31.1 | | | 5.8 | | | | | | | | 6 |
| 2021-10-28 | 4 | PS | L | Fall | 2021-10-2 | 2021-10-2 | 4.8 | LI7810 | | | | | 27.1 | | | 5.8 | | | | | | | | 6 |
| 2021-10-28 | 4 | PS | D | Fall | 2021-10-2 | 2021-10-2 | 19.8 | LI7810 | | | | | 27.1 | | | 5.8 | | | | | | | | 6 |
| 2021-10-28 | 4 | P | L | Fall | 2021-10-2 | 2021-10-2 | 71.9 | LI7810 | | | | | 27.1 | | | 5.8 | | | | | | | | 6 |
| 2021-10-28 | 4 | P | D | Fall | 2021-10-2 | 2021-10-2 | 115.1 | LI7810 | | | | | 27.1 | | | 5.8 | | | | | | | | 6 |
| 2021-10-29 | 1 | PSV | L | Fall | 2021-10-2 | 2021-10-2 | 27.9 | LI7810 | | | | | 28.2 | | | | | | | | | | | | |
| 2021-10-29 | 1 | PSV | D | Fall | 2021-10-2 | 2021-10-2 | 26.1 | LI7810 | | | | | 28.2 | | | | | | | | | | | | |
| 2021-10-29 | 1 | PS | L | Fall | 2021-10-2 | 2021-10-2 | 10.9 | LI7810 | | | | | 31.8 | | | | | | | | | | | | |
| 2021-10-29 | 1 | PS | D | Fall | 2021-10-2 | 2021-10-2 | 9.7 | LI7810 | | | | | 31.8 | | | | | | | | | | | | |
| 2021-10-29 | 1 | P | L | Fall | 2021-10-2 | 2021-10-2 | 36.1 | LI7810 | | | | | 31.8 | | | | | | | | | | | | |
| 2021-10-29 | 1 | P | D | Fall | 2021-10-2 | 2021-10-2 | 92.4 | LI7810 | | | | | 31.8 | | | | | | | | | | | | |
| 2021-10-29 | 3 | PSV | L | Fall | 2021-10-2 | 2021-10-2 | 45.0 | LI7810 | | | | | 22.9 | | | | | | | | | | | | |
| 2021-10-29 | 3 | PSV | D | Fall | 2021-10-2 | 2021-10-2 | 52.5 | LI7810 | | | | | 22.9 | | | | | | | | | | | | |
| 2021-10-29 | 3 | PS | L | Fall | 2021-10-2 | 2021-10-2 | 122.7 | LI7810 | | | | | 21.3 | | | | | | | | | | | | |
| 2021-10-29 | 3 | PS | D | Fall | 2021-10-2 | 2021-10-2 | 119.7 | LI7810 | | | | | 21.3 | | | | | | | | | | | | |
| 2021-10-29 | 3 | P | L | Fall | 2021-10-2 | 2021-10-2 | 217.5 | LI7810 | | | | | 21.3 | | | | | | | | | | | | |
| 2021-10-29 | 3 | P | D | Fall | 2021-10-2 | 2021-10-2 | 368.1 | LI7810 | | | | | 21.3 | | | | | | | | | | | | |
| 2022-05-05 | 5 | PSV | L | Spring | | | | | 0.001 | 0.001 | 0.001 | 22.3 | 17.4 | 30.1 | 10.0 | 5.5 | -71.0 | -69.7 | -70.0 | -69.7 | 258.7 | 170.8 | 429.2 | -2 |
| 2022-05-05 | 5 | PS | L | Spring | 2022-05-C | 2022-05-C | 36.1 | MGGA | | | | 11.2 | 22.3 | 26.6 | 10.0 | 6.0 | -36.3 | -63.7 | -69.2 | -69.2 | 8.2 | 252.2 | 327.9 | -2 |
| 2022-05-05 | 5 | PS | D | Spring | 2022-05-C | 2022-05-C | 36.2 | MGGA | | | | 11.2 | 22.3 | 26.6 | 10.0 | 6.0 | | -63.7 | -69.2 | -69.2 | 8.2 | 252.2 | 327.9 | -2 |
| 2022-05-05 | 5 | P | L | Spring | | | | | | | | | 22.3 | 26.6 | 10.0 | 6.0 | -69.0 | | -69.2 | -69.2 | | 252.2 | 327.9 | -2 |
| 2022-05-06 | 3 | PSV | L | Spring | 2022-05-C | 2022-05-C | 159.3 | MGGA | 0.040 | 0.027 | 0.004 | 20.9 | 20.8 | 23.1 | 6.5 | 5.0 | -83.9 | -65.9 | -65.1 | -69.0 | 163.8 | 208.1 | 393.2 | -1 |
| 2022-05-06 | 3 | PSV | D | Spring | 2022-05-C | 2022-05-C | 122.2 | MGGA | 0.040 | 0.027 | 0.004 | 20.9 | 20.8 | 23.1 | 6.5 | 5.0 | | -65.9 | -65.1 | -69.0 | 163.8 | 208.1 | 393.2 | -1 |
| 2022-05-06 | 3 | PS | L | Spring | 2022-05-C | 2022-05-C | 114.3 | MGGA | | | | 14.6 | 19.4 | 24.9 | 7.0 | 8.0 | -63.7 | -64.4 | -67.5 | -67.9 | 155.3 | 436.2 | 439.9 | -1 |
| 2022-05-06 | 3 | PS | D | Spring | 2022-05-C | 2022-05-C | 120.5 | MGGA | | | | 14.6 | 19.4 | 24.9 | 7.0 | 8.0 | | -64.4 | -67.5 | -67.9 | 155.3 | 436.2 | 439.9 | -1 |
| 2022-05-06 | 3 | P | L | Spring | 2022-05-C | 2022-05-C | 250.2 | MGGA | | | | | 19.4 | 24.9 | 7.0 | 8.0 | -66.1 | | -67.5 | -67.9 | | 436.2 | 439.9 | -1 |
| 2022-05-06 | 3 | P | D | Spring | 2022-05-C | 2022-05-C | 264.3 | MGGA | | | | | 19.4 | 24.9 | 7.0 | 8.0 | | | -67.5 | -67.9 | | 436.2 | 439.9 | -1 |
| 2022-05-06 | 4 | PSV | D | Spring | 2022-05-C | 2022-05-C | 38.0 | MGGA | 0.001 | 0.001 | 0.000 | 14.2 | 24.8 | 23.1 | 11.0 | 5.8 | | -67.7 | -72.7 | -71.1 | 55.9 | 178.9 | 286.1 | 1.5 |
| 2022-05-06 | 4 | PSV | L | Spring | 2022-05-C | 2022-05-C | 33.9 | MGGA | 0.001 | 0.001 | 0.000 | 14.2 | 24.8 | 23.1 | 11.0 | 5.8 | -77.3 | -67.7 | -72.7 | -71.1 | 55.9 | 178.9 | 286.1 | 1.5 |
| 2022-05-06 | 4 | PS | L | Spring | 2022-05-C | 2022-05-C | 15.2 | MGGA | | | | 25.5 | 17.8 | 20.4 | 8.4 | 5.1 | -86.0 | | -72.1 | -71.5 | | 199.1 | 241.3 | 1.5 |
| 2022-05-06 | 4 | PS | D | Spring | 2022-05-C | 2022-05-C | 17.0 | MGGA | | | | 25.5 | 17.8 | 20.4 | 8.4 | 5.1 | | | -72.1 | -71.5 | | 199.1 | 241.3 | 1.5 |
| 2022-05-06 | 4 | P | L | Spring | 2022-05-C | 2022-05-C | 125.9 | MGGA | | | | | 17.8 | 20.4 | 8.4 | 5.1 | -65.9 | | -72.1 | -71.5 | | 199.1 | 241.3 | 1.5 |
| 2022-05-06 | 4 | P | D | Spring | 2022-05-C | 2022-05-C | 218.6 | MGGA | | | | | 17.8 | 20.4 | 8.4 | 5.1 | | | -72.1 | -71.5 | | 199.1 | 241.3 | 1.5 |
| 2022-05-06 | 5 | PSV | L | Spring | 2022-05-C | 2022-05-C | 122.1 | MGGA | 0.001 | 0.001 | 0.001 | 22.3 | 17.4 | 30.1 | 10.0 | 5.5 | -71.0 | -69.7 | -70.0 | -69.7 | 258.7 | 170.8 | 429.2 | -2 |
| 2022-05-06 | 5 | PSV | D | Spring | 2022-05-C | 2022-05-C | 135.8 | MGGA | 0.001 | 0.001 | 0.001 | 22.3 | 17.4 | 30.1 | 10.0 | 5.5 | | -69.7 | -70.0 | -69.7 | 258.7 | 170.8 | 429.2 | -2 |
| 2022-05-06 | 5 | PS | L | Spring | | | | | | | | 11.2 | 22.3 | 26.6 | 10.0 | 6.0 | -36.3 | -63.7 | -69.2 | -69.2 | 8.2 | 252.2 | 327.9 | -2 |
| 2022-05-06 | 5 | P | D | Spring | 2022-05-C | 2022-05-C | 55.5 | MGGA | | | | | 22.3 | 26.6 | 10.0 | 6.0 | | | -69.2 | -69.2 | | 252.2 | 327.9 | -2 |
| 2022-05-06 | 5 | P | L | Spring | | | | | | | | | 22.3 | 26.6 | 10.0 | 6.0 | -69.0 | | -69.2 | -69.2 | | 252.2 | 327.9 | -2 |
| 2022-05-07 | 1 | PSV | D | Spring | 2022-05-C | 2022-05-C | 80.1 | MGGA | 0.002 | 0.001 | 0.001 | | 30.1 | | | 6.0 | | | | | | | | 0 |
| 2022-05-07 | 1 | PSV | L | Spring | 2022-05-C | 2022-05-C | 91.5 | MGGA | 0.002 | 0.001 | 0.001 | | 30.1 | | | 6.0 | | | | | | | | 0 |
| 2022-05-07 | 1 | PS | L | Spring | 2022-05-C | 2022-05-C | 14.7 | MGGA | | | | | 25.3 | | | 6.0 | | | | | | | | 0 |
| 2022-05-07 | 1 | PS | D | Spring | 2022-05-C | 2022-05-C | 19.0 | MGGA | | | | | 25.3 | | | 6.0 | | | | | | | | 0 |
| 2022-05-07 | 1 | P | L | Spring | 2022-05-C | 2022-05-C | 98.4 | MGGA | | | | | 25.3 | | | 6.0 | | | | | | | | 0 |
| 2022-05-07 | 1 | P | D | Spring | 2022-05-C | 2022-05-C | 100.0 | MGGA | | | | | 25.3 | | | 6.0 | | | | | | | | 0 |
| 2022-05-07 | 2 | PSV | D | Spring | 2022-05-C | 2022-05-C | 793.8 | MGGA | 0.002 | 0.002 | 0.002 | | 15.6 | | | 4.5 | -67.0 | -67.2 | -67.4 | | 269.2 | 409.7 | 411.6 | -1 |
| 2022-05-07 | 2 | PS | D | Spring | 2022-05-C | 2022-05-C | 444.9 | MGGA | | | | | 18.0 | | | 5.1 | -69.6 | -68.5 | -68.1 | | 258.7 | 589.5 | 745.1 | -1 |
| 2022-05-07 | 2 | PS | L | Spring | 2022-05-C | 2022-05-C | 522.2 | MGGA | | | | | 18.0 | | | 5.1 | -69.6 | -68.5 | -68.1 | | 258.7 | 589.5 | 745.1 | -1 |
| 2022-05-08 | 3 | PSV | L | Spring | | | | | 0.045 | 0.031 | 0.005 | 20.9 | 20.8 | 23.1 | 6.5 | 5.0 | -83.9 | -65.9 | -65.1 | -69.0 | 163.8 | 208.1 | 393.2 | 1 |
| 2022-05-08 | 3 | M | L | Spring | 2022-05-C | 2022-05-C | 145.2 | MGGA | | | | 14.6 | 19.4 | 24.9 | 7.0 | 8.0 | -63.7 | -64.4 | -67.5 | -67.9 | 155.3 | 436.2 | 439.9 | 1 |
| 2022-05-08 | 3 | P | L | Spring | 2022-05-C | 2022-05-C | 362.2 | MGGA | | | | | 19.4 | 24.9 | 7.0 | 8.0 | -66.1 | | -67.5 | -67.9 | | 436.2 | 439.9 | 1 |
| 2022-05-09 | 4 | PSV | L | Spring | 2022-05-C | 2022-05-C | 41.9 | MGGA | 0.001 | 0.001 | 0.000 | 14.2 | 24.8 | 23.1 | 11.0 | 5.8 | -77.3 | -67.7 | -72.7 | -71.1 | 55.9 | 178.9 | 286.1 | 2 |
| 2022-05-09 | 4 | PS | L | Spring | 2022-05-C | 2022-05-C | 6.2 | MGGA | | | | 25.5 | 17.8 | 20.4 | 8.4 | 5.1 | -86.0 | | -72.1 | -71.5 | | 199.1 | 241.3 | 2 |
| 2022-05-09 | 4 | P | L | Spring | 2022-05-C | 2022-05-C | 149.6 | MGGA | | | | | 17.8 | 20.4 | 8.4 | 5.1 | -65.9 | | -72.1 | -71.5 | | 199.1 | 241.3 | 2 |
| 2022-05-10 | 5 | PSV | L | Spring | 2022-05-1 | 2022-05-1 | 329.8 | MGGA | 0.003 | 0.003 | 0.001 | 22.3 | 17.4 | 30.1 | 10.0 | 5.5 | -71.0 | -69.7 | -70.0 | -69.7 | 258.7 | 170.8 | 429.2 | 0 |
| 2022-05-10 | 5 | PS | L | Spring | 2022-05-1 | 2022-05-1 | 8.5 | MGGA | | | | 11.2 | 22.3 | 26.6 | 10.0 | 6.0 | -36.3 | -63.7 | -69.2 | -69.2 | 8.2 | 252.2 | 327.9 | 0 |
| 2022-05-10 | 5 | P | L | Spring | 2022-05-1 | 2022-05-1 | 57.0 | MGGA | | | | | 22.3 | 26.6 | 10.0 | 6.0 | -69.0 | | -69.2 | -69.2 | | 252.2 | 327.9 | 0 |
| 2022-06-23 | 2 | PSV | L | Summer | 2022-06-2 | 2022-06-2 | 366.6 | MGGA | 0.182 | 0.182 | 0.147 | 17.6 | 13.2 | 18.2 | 16.9 | 15.1 | -68.3 | -64.6 | -58.8 | -63.5 | 148.6 | 211.4 | 230.4 | 5 |
| 2022-06-23 | 2 | PSV | L | Summer | 2022-06-2 | 2022-06-2 | 470.3 | MGGA | 0.182 | 0.182 | 0.147 | 17.6 | 13.2 | 18.2 | 16.9 | 15.1 | -68.3 | -64.6 | -58.8 | -63.5 | 148.6 | 211.4 | 230.4 | 5 |
| 2022-06-23 | 2 | PSV | L | Summer | 2022-06-2 | 2022-06-2 | 241.9 | MGGA | 0.182 | 0.182 | 0.147 | 17.6 | 13.2 | 18.2 | 16.9 | 15.1 | -68.3 | -64.6 | -58.8 | -63.5 | 148.6 | 211.4 | 230.4 | 5 |
| 2022-06-23 | 2 | PS | L | Summer | | | | | | | | 16.0 | 16.4 | 19.9 | 15.5 | 15.0 | -61.4 | -65.4 | -66.5 | -68.7 | 181.7 | 119.3 | 345.4 | 5 |
| 2022-06-23 | 3 | PSV | L | Summer | 2022-06-2 | 2022-06-2 | 246.0 | MGGA | 0.215 | 0.194 | 0.142 | 22.2 | 27.8 | 26.1 | 20.3 | 17.9 | -71.8 | -47.1 | -58.8 | -65.0 | 28.1 | 206.9 | 140.4 | 8 |
| 2022-06-23 | 3 | PSV | L | Summer | 2022-06-2 | 2022-06-2 | 125.6 | MGGA | 0.215 | 0.194 | 0.142 | 22.2 | 27.8 | 26.1 | 20.3 | 17.9 | -71.8 | -47.1 | -58.8 | -65.0 | 28.1 | 206.9 | 140.4 | 8 |
| 2022-06-23 | 3 | PSV | L | Summer | 2022-06-2 | 2022-06-2 | 99.5 | MGGA | 0.215 | 0.194 | 0.142 | 22.2 | 27.8 | 26.1 | 20.3 | 17.9 | -71.8 | -47.1 | -58.8 | -65.0 | 28.1 | 206.9 | 140.4 | 8 |
| 2022-06-23 | 3 | PS | L | Summer | 2022-06-2 | 2022-06-2 | 98.8 | MGGA | | | | 22.1 | 28.0 | 26.7 | 20.3 | 17.5 | -61.3 | -59.6 | -66.5 | -69.4 | 244.1 | 220.5 | 270.3 | 8 |
| 2022-06-23 | 3 | P | L | Summer | | | | | | | | | 28.0 | 26.7 | 20.3 | 17.5 | -60.3 | | -66.5 | -69.4 | | 220.5 | 270.3 | 8 |

| Date | ID | Type | LD | Season | D1 | D2 | Value | Inst | c1 | c2 | c3 | c4 | c5 | c6 | c7 | c8 | c9 | c10 | c11 | c12 | c13 | c14 | c15 | c16 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2022-06-25 | 1 | PSV | L | Summer | 2022-06-2 | 2022-06-2 | 222.6 | LI7810 | 0.201 | 0.177 | 0.112 | 26.7 | 29.1 | 27.6 | 17.3 | 16.1 | -78.0 | -51.6 | -59.8 | -69.0 | 27.1 | 146.0 | 176.3 | 6 |
| 2022-06-25 | 1 | PSV | L | Summer | 2022-06-2 | 2022-06-2 | 159.1 | LI7810 | 0.201 | 0.177 | 0.112 | 26.7 | 29.1 | 27.6 | 17.3 | 16.1 | -78.0 | -51.6 | -59.8 | -69.0 | 27.1 | 146.0 | 176.3 | 6 |
| 2022-06-25 | 1 | PSV | L | Summer | 2022-06-2 | 2022-06-2 | 155.6 | LI7810 | 0.201 | 0.177 | 0.112 | 26.7 | 29.1 | 27.6 | 17.3 | 16.1 | -78.0 | -51.6 | -59.8 | -69.0 | 27.1 | 146.0 | 176.3 | 6 |
| 2022-06-25 | 1 | PS | L | Summer | 2022-06-2 | 2022-06-2 | 46.8 | LI7810 | | | | 28.8 | 30.7 | 25.9 | 16.2 | 15.8 | -7.8 | -61.8 | -66.6 | -69.1 | 224.8 | 177.6 | 241.9 | 6 |
| 2022-06-25 | 1 | P | L | Summer | | | | | | | | | 30.7 | 25.9 | 16.2 | 15.8 | -57.8 | | -66.6 | -69.1 | | 177.6 | 241.9 | 6 |
| 2022-06-29 | 4 | PSV | L | Summer | | | | | 0.134 | 0.133 | 0.044 | 26.6 | 24.4 | 26.6 | 20.1 | 17.4 | -63.2 | -63.3 | -69.6 | -69.4 | 286.0 | 430.2 | 220.2 | 11 |
| 2022-06-29 | 4 | PS | L | Summer | 2022-06-2 | 2022-06-2 | 12.7 | MGGA | | | | 23.2 | 21.0 | 26.7 | 19.6 | 17.2 | -67.3 | -65.1 | -71.9 | -70.6 | 202.2 | 317.3 | 352.6 | 11 |
| 2022-06-29 | 4 | PS | L | Summer | 2022-06-2 | 2022-06-2 | 438.8 | MGGA | | | | 23.2 | 21.0 | 26.7 | 19.6 | 17.2 | -67.3 | -65.1 | -71.9 | -70.6 | 202.2 | 317.3 | 352.6 | 11 |
| 2022-06-29 | 4 | PS | L | Summer | 2022-06-2 | 2022-06-2 | 320.9 | MGGA | | | | 23.2 | 21.0 | 26.7 | 19.6 | 17.2 | -67.3 | -65.1 | -71.9 | -70.6 | 202.2 | 317.3 | 352.6 | 11 |
| 2022-06-29 | 4 | PS | L | Summer | 2022-06-2 | 2022-06-2 | 27.6 | MGGA | | | | 23.2 | 21.0 | 26.7 | 19.6 | 17.2 | -67.3 | -65.1 | -71.9 | -70.6 | 202.2 | 317.3 | 352.6 | 11 |
| 2022-06-29 | 5 | PSV | L | Summer | | | | | 0.257 | 0.257 | 0.030 | 29.4 | 24.1 | 30.3 | 20.7 | 17.5 | -72.2 | -55.3 | -66.1 | -70.1 | 25.6 | 131.3 | 443.9 | 6 |
| 2022-06-29 | 5 | PS | L | Summer | 2022-06-2 | 2022-06-2 | 349.0 | LI7810 | | | | 25.3 | 26.3 | 31.8 | 19.7 | 16.9 | -71.4 | -30.6 | -70.6 | -68.8 | 2.8 | 499.1 | 541.0 | 6 |
| 2022-06-29 | 5 | PS | L | Summer | 2022-06-2 | 2022-06-2 | 275.9 | LI7810 | | | | 25.3 | 26.3 | 31.8 | 19.7 | 16.9 | -71.4 | -30.6 | -70.6 | -68.8 | 2.8 | 499.1 | 541.0 | 6 |
| 2022-06-29 | 5 | PS | L | Summer | 2022-06-2 | 2022-06-2 | 147.3 | LI7810 | | | | 25.3 | 26.3 | 31.8 | 19.7 | 16.9 | -71.4 | -30.6 | -70.6 | -68.8 | 2.8 | 499.1 | 541.0 | 6 |
| 2022-06-29 | 5 | PS | L | Summer | 2022-06-2 | 2022-06-2 | 663.5 | LI7810 | | | | 25.3 | 26.3 | 31.8 | 19.7 | 16.9 | -71.4 | -30.6 | -70.6 | -68.8 | 2.8 | 499.1 | 541.0 | 6 |
| 2022-06-29 | 5 | PS | L | Summer | 2022-06-2 | 2022-06-2 | 633.9 | LI7810 | | | | 25.3 | 26.3 | 31.8 | 19.7 | 16.9 | -71.4 | -30.6 | -70.6 | -68.8 | 2.8 | 499.1 | 541.0 | 6 |
| 2022-06-29 | 5 | PS | L | Summer | 2022-06-2 | 2022-06-2 | 589.2 | LI7810 | | | | 25.3 | 26.3 | 31.8 | 19.7 | 16.9 | -71.4 | -30.6 | -70.6 | -68.8 | 2.8 | 499.1 | 541.0 | 6 |
| 2022-06-29 | 5 | P | L | Summer | | | | | | | | | 26.3 | 31.8 | 19.7 | 16.9 | -52.7 | | -70.6 | -68.8 | | 499.1 | 541.0 | 6 |
| 2022-07-04 | 4 | PSV | L | Summer | 2022-07-C | 2022-07-C | 846.8 | MGGA | 0.156 | 0.154 | 0.055 | 26.6 | 24.4 | 26.6 | 20.1 | 17.4 | -63.2 | -63.3 | -69.6 | -69.4 | 286.0 | 430.2 | 220.2 | 11 |
| 2022-07-04 | 4 | PSV | D | Summer | 2022-07-C | 2022-07-C | 1025.4 | MGGA | 0.156 | 0.154 | 0.055 | 26.6 | 24.4 | 26.6 | 20.1 | 17.4 | | -63.3 | -69.6 | -69.4 | 286.0 | 430.2 | 220.2 | 11 |
| 2022-07-04 | 4 | PS | D | Summer | 2022-07-C | 2022-07-C | 65.8 | MGGA | | | | 23.2 | 21.0 | 26.7 | 19.6 | 17.2 | | -65.1 | -71.9 | -70.6 | 202.2 | 317.3 | 352.6 | 11 |
| 2022-07-04 | 4 | PS | L | Summer | 2022-07-C | 2022-07-C | 31.9 | MGGA | | | | 23.2 | 21.0 | 26.7 | 19.6 | 17.2 | -67.3 | -65.1 | -71.9 | -70.6 | 202.2 | 317.3 | 352.6 | 11 |
| 2022-07-04 | 4 | P | L | Summer | 2022-07-C | 2022-07-C | 318.8 | MGGA | | | | | 21.0 | 26.7 | 19.6 | 17.2 | | | -71.9 | -70.6 | | 317.3 | 352.6 | 11 |
| 2022-07-04 | 4 | P | D | Summer | 2022-07-C | 2022-07-C | 123.1 | MGGA | | | | | 21.0 | 26.7 | 19.6 | 17.2 | | | -71.9 | -70.6 | | 317.3 | 352.6 | 11 |
| 2022-07-04 | 5 | PSV | L | Summer | 2022-07-C | 2022-07-C | 234.0 | LI7810 | 0.278 | 0.278 | 0.034 | 29.4 | 24.1 | 30.3 | 20.7 | 17.5 | -72.2 | -55.3 | -66.1 | -70.1 | 25.6 | 131.3 | 443.9 | 8 |
| 2022-07-04 | 5 | PSV | D | Summer | 2022-07-C | 2022-07-C | 349.7 | LI7810 | 0.278 | 0.278 | 0.034 | 29.4 | 24.1 | 30.3 | 20.7 | 17.5 | | -55.3 | -66.1 | -70.1 | 25.6 | 131.3 | 443.9 | 8 |
| 2022-07-04 | 5 | PS | L | Summer | 2022-07-C | 2022-07-C | 218.8 | LI7810 | | | | 25.3 | 26.3 | 31.8 | 19.7 | 16.9 | -71.4 | -30.6 | -70.6 | -68.8 | 2.8 | 499.1 | 541.0 | 8 |
| 2022-07-04 | 5 | PS | D | Summer | 2022-07-C | 2022-07-C | 741.0 | LI7810 | | | | 25.3 | 26.3 | 31.8 | 19.7 | 16.9 | | -30.6 | -70.6 | -68.8 | 2.8 | 499.1 | 541.0 | 8 |
| 2022-07-04 | 5 | P | L | Summer | 2022-07-C | 2022-07-C | 856.1 | LI7810 | | | | | 26.3 | 31.8 | 19.7 | 16.9 | -52.7 | | -70.6 | -68.8 | | 499.1 | 541.0 | 8 |
| 2022-07-04 | 5 | P | D | Summer | 2022-07-C | 2022-07-C | 313.9 | LI7810 | | | | | 26.3 | 31.8 | 19.7 | 16.9 | | | -70.6 | -68.8 | | 499.1 | 541.0 | 8 |
| 2022-07-04 | 5 | P | L | Summer | | | | | | | | | 26.3 | 31.8 | 19.7 | 16.9 | -52.7 | | -70.6 | -68.8 | | 499.1 | 541.0 | 8 |
| 2022-07-05 | 3 | PSV | L | Summer | | | | | 0.246 | 0.224 | 0.190 | 22.2 | 27.8 | 26.1 | 20.3 | 17.9 | -71.8 | -47.1 | -58.8 | -65.0 | 28.1 | 206.9 | 140.4 | 8 |
| 2022-07-05 | 3 | PS | L | Summer | 2022-07-C | 2022-07-C | 268.9 | MGGA | | | | 22.1 | 28.0 | 26.7 | 20.3 | 17.5 | -61.3 | -59.6 | -66.5 | -69.4 | 244.1 | 220.5 | 270.3 | 8 |
| 2022-07-05 | 3 | PS | D | Summer | 2022-07-C | 2022-07-C | 28.9 | MGGA | | | | 22.1 | 28.0 | 26.7 | 20.3 | 17.5 | | -59.6 | -66.5 | -69.4 | 244.1 | 220.5 | 270.3 | 8 |
| 2022-07-05 | 3 | P | D | Summer | 2022-07-C | 2022-07-C | 219.8 | MGGA | | | | | 28.0 | 26.7 | 20.3 | 17.5 | | | -66.5 | -69.4 | | 220.5 | 270.3 | 8 |
| 2022-07-05 | 3 | P | L | Summer | 2022-07-C | 2022-07-C | 298.9 | MGGA | | | | | 28.0 | 26.7 | 20.3 | 17.5 | -60.3 | | -66.5 | -69.4 | | 220.5 | 270.3 | 8 |
| 2022-07-08 | 1 | PSV | D | Summer | 2022-07-C | 2022-07-C | 155.2 | LI7810 | 0.290 | 0.265 | 0.162 | 26.7 | 29.1 | 27.6 | 17.3 | 16.1 | | -51.6 | -59.8 | -69.0 | 27.1 | 146.0 | 176.3 | 9 |
| 2022-07-08 | 1 | PSV | L | Summer | 2022-07-C | 2022-07-C | 111.2 | LI7810 | 0.290 | 0.265 | 0.162 | 26.7 | 29.1 | 27.6 | 17.3 | 16.1 | -78.0 | -51.6 | -59.8 | -69.0 | 27.1 | 146.0 | 176.3 | 9 |
| 2022-07-08 | 1 | PS | L | Summer | 2022-07-C | 2022-07-C | 3.5 | LI7810 | | | | 28.8 | 30.7 | 25.9 | 16.2 | 15.8 | -7.8 | -61.8 | -66.6 | -69.1 | 224.8 | 177.6 | 241.9 | 9 |
| 2022-07-08 | 1 | PS | D | Summer | 2022-07-C | 2022-07-C | 15.9 | LI7810 | | | | 28.8 | 30.7 | 25.9 | 16.2 | 15.8 | | -61.8 | -66.6 | -69.1 | 224.8 | 177.6 | 241.9 | 9 |
| 2022-07-08 | 1 | P | L | Summer | 2022-07-C | 2022-07-C | 119.0 | LI7810 | | | | | 30.7 | 25.9 | 16.2 | 15.8 | -57.8 | | -66.6 | -69.1 | | 177.6 | 241.9 | 9 |
| 2022-07-08 | 1 | P | D | Summer | 2022-07-C | 2022-07-C | 88.5 | LI7810 | | | | | 30.7 | 25.9 | 16.2 | 15.8 | | | -66.6 | -69.1 | | 177.6 | 241.9 | 9 |
| 2022-07-08 | 1 | P | D | Summer | 2022-07-C | 2022-07-C | 72.7 | LI7810 | | | | | 30.7 | 25.9 | 16.2 | 15.8 | | | -66.6 | -69.1 | | 177.6 | 241.9 | 9 |
| 2022-07-08 | 2 | PSV | L | Summer | 2022-07-C | 2022-07-C | 638.6 | MGGA | 0.294 | 0.292 | 0.233 | 17.6 | 13.2 | 18.2 | 16.9 | 15.1 | -68.3 | -64.6 | -58.8 | -63.5 | 148.6 | 211.4 | 230.4 | 5 |
| 2022-07-08 | 2 | PSV | D | Summer | 2022-07-C | 2022-07-C | 612.1 | MGGA | 0.294 | 0.292 | 0.233 | 17.6 | 13.2 | 18.2 | 16.9 | 15.1 | | -64.6 | -58.8 | -63.5 | 148.6 | 211.4 | 230.4 | 5 |
| 2022-07-08 | 2 | PS | D | Summer | 2022-07-C | 2022-07-C | 40.2 | MGGA | | | | 16.0 | 16.4 | 19.9 | 15.5 | 15.0 | | -65.4 | -66.5 | -68.7 | 181.7 | 119.3 | 345.4 | 5 |
| 2022-07-08 | 2 | PS | L | Summer | 2022-07-C | 2022-07-C | 24.8 | MGGA | | | | 16.0 | 16.4 | 19.9 | 15.5 | 15.0 | -61.4 | -65.4 | -66.5 | -68.7 | 181.7 | 119.3 | 345.4 | 5 |
| 2022-07-08 | 2 | P | D | Summer | 2022-07-C | 2022-07-C | 1358.4 | MGGA | | | | | 16.4 | 19.9 | 15.5 | 15.0 | | | -66.5 | -68.7 | | 119.3 | 345.4 | 5 |
| 2022-09-10 | 1 | PSV | D | Fall | 2022-09-1 | 2022-09-1 | 91.1 | LI7810 | 0.098 | 0.084 | 0.057 | 32.5 | 17.5 | 26.8 | 9.4 | 10.4 | | -59.2 | -61.6 | -67.1 | 48.8 | 142.9 | 131.8 | 7 |
| 2022-09-10 | 1 | PSV | L | Fall | 2022-09-1 | 2022-09-1 | 105.9 | LI7810 | 0.098 | 0.084 | 0.057 | 32.5 | 17.5 | 26.8 | 9.4 | 10.4 | -79.3 | -59.2 | -61.6 | -67.1 | 48.8 | 142.9 | 131.8 | 7 |
| 2022-09-10 | 1 | PS | L | Fall | 2022-09-1 | 2022-09-1 | 9.9 | LI7810 | | | | 33.9 | 20.0 | 20.8 | 10.6 | 10.8 | -55.5 | -59.7 | -66.0 | -67.7 | 127.0 | 347.2 | 220.0 | 7 |
| 2022-09-10 | 1 | PS | D | Fall | 2022-09-1 | 2022-09-1 | 7.6 | LI7810 | | | | 33.9 | 20.0 | 20.8 | 10.6 | 10.8 | | -59.7 | -66.0 | -67.7 | 127.0 | 347.2 | 220.0 | 7 |
| 2022-09-10 | 1 | P | L | Fall | 2022-09-1 | 2022-09-1 | 172.2 | LI7810 | | | | | 20.0 | 20.8 | 10.6 | 10.8 | -62.1 | | -66.0 | -67.7 | | 347.2 | 220.0 | 7 |
| 2022-09-10 | 2 | PSV | L | Fall | 2022-09-1 | 2022-09-1 | 269.1 | LI7810 | 0.153 | 0.153 | 0.114 | 18.1 | 17.7 | 18.2 | 10.6 | 11.5 | -75.0 | -63.0 | -59.6 | -64.4 | 124.2 | 169.3 | 175.3 | 3 |
| 2022-09-10 | 2 | PSV | D | Fall | 2022-09-1 | 2022-09-1 | 276.9 | LI7810 | 0.153 | 0.153 | 0.114 | 18.1 | 17.7 | 18.2 | 10.6 | 11.5 | | -63.0 | -59.6 | -64.4 | 124.2 | 169.3 | 175.3 | 3 |
| 2022-09-10 | 2 | PS | L | Fall | 2022-09-1 | 2022-09-1 | 14.5 | LI7810 | | | | 15.3 | 17.3 | 18.5 | 9.2 | 9.7 | -42.2 | -70.3 | -70.5 | -69.0 | 397.7 | 416.7 | 481.4 | 3 |
| 2022-09-10 | 2 | PS | D | Fall | 2022-09-1 | 2022-09-1 | 11.0 | LI7810 | | | | 15.3 | 17.3 | 18.5 | 9.2 | 9.7 | | -70.3 | -70.5 | -69.0 | 397.7 | 416.7 | 481.4 | 3 |
| 2022-09-10 | 2 | P | L | Fall | 2022-09-1 | 2022-09-1 | 1513.1 | LI7810 | | | | | 17.3 | 18.5 | 9.2 | 9.7 | -70.7 | | -70.5 | -69.0 | | 416.7 | 481.4 | 3 |
| 2022-09-11 | 3 | PSV | L | Fall | 2022-09-1 | 2022-09-1 | 230.7 | MGGA | 0.178 | 0.134 | 0.097 | 28.6 | 24.1 | 21.6 | 10.5 | 10.6 | -63.8 | -56.8 | -62.2 | -64.1 | 130.2 | 287.9 | 271.3 | 7 |
| 2022-09-11 | 3 | PSV | D | Fall | 2022-09-1 | 2022-09-1 | 505.9 | MGGA | 0.178 | 0.134 | 0.097 | 28.6 | 24.1 | 21.6 | 10.5 | 10.6 | | -56.8 | -62.2 | -64.1 | 130.2 | 287.9 | 271.3 | 7 |
| 2022-09-11 | 3 | PS | L | Fall | 2022-09-1 | 2022-09-1 | 5.4 | MGGA | | | | 24.8 | 21.0 | 23.3 | 10.5 | 10.7 | | -56.0 | -62.4 | -68.4 | 102.6 | 338.2 | 295.7 | 7 |
| 2022-09-11 | 3 | PS | D | Fall | 2022-09-1 | 2022-09-1 | 2.6 | MGGA | | | | 24.8 | 21.0 | 23.3 | 10.5 | 10.7 | | -56.0 | -62.4 | -68.4 | 102.6 | 338.2 | 295.7 | 7 |
| 2022-09-11 | 3 | P | L | Fall | 2022-09-1 | 2022-09-1 | 270.8 | MGGA | | | | | 21.0 | 23.3 | 10.5 | 10.7 | -61.1 | | -62.4 | -68.4 | | 338.2 | 295.7 | 7 |
| 2022-09-11 | 4 | PSV | D | Fall | 2022-09-1 | 2022-09-1 | 101.7 | LI7810 | 0.050 | 0.049 | 0.033 | 26.8 | 29.3 | 22.7 | 10.9 | 10.7 | | -58.1 | -64.8 | -68.1 | 135.7 | 171.6 | 325.1 | 10 |
| 2022-09-11 | 4 | PSV | L | Fall | 2022-09-1 | 2022-09-1 | 105.0 | LI7810 | 0.050 | 0.049 | 0.033 | 26.8 | 29.3 | 22.7 | 10.9 | 10.7 | -78.3 | -58.1 | -64.8 | -68.1 | 135.7 | 171.6 | 325.1 | 10 |
| 2022-09-11 | 4 | PS | L | Fall | 2022-09-1 | 2022-09-1 | 9.8 | LI7810 | | | | 26.3 | 20.7 | 29.9 | 11.4 | 10.9 | -86.7 | -61.1 | -66.2 | -69.7 | 132.2 | 295.4 | 404.4 | 10 |
| 2022-09-11 | 4 | PS | D | Fall | 2022-09-1 | 2022-09-1 | 6.0 | LI7810 | | | | 26.3 | 20.7 | 29.9 | 11.4 | 10.9 | | -61.1 | -66.2 | -69.7 | 132.2 | 295.4 | 404.4 | 10 |
| 2022-09-11 | 4 | P | L | Fall | 2022-09-1 | 2022-09-1 | 98.8 | LI7810 | | | | | 20.7 | 29.9 | 11.4 | 10.9 | -52.8 | | -66.2 | -69.7 | | 295.4 | 404.4 | 10 |
| 2022-09-12 | 5 | PSV | L | Fall | 2022-09-1 | 2022-09-1 | 96.9 | LI7810 | 0.020 | 0.019 | 0.021 | 21.0 | 27.5 | 24.5 | 12.6 | 10.8 | -70.9 | -54.4 | -61.8 | -68.3 | 16.8 | 138.2 | 235.1 | 5 |
| 2022-09-12 | 5 | PSV | D | Fall | 2022-09-1 | 2022-09-1 | 109.0 | LI7810 | 0.020 | 0.019 | 0.021 | 21.0 | 27.5 | 24.5 | 12.6 | 10.8 | | -54.4 | -61.8 | -68.3 | 16.8 | 138.2 | 235.1 | 5 |
| 2022-09-12 | 5 | PS | L | Fall | 2022-09-1 | 2022-09-1 | 13.7 | LI7810 | | | | 32.7 | 28.3 | 24.4 | 11.2 | 10.7 | -62.5 | -68.8 | -70.8 | -69.1 | 523.1 | 606.9 | 528.0 | 5 |
| 2022-09-12 | 5 | PS | D | Fall | 2022-09-1 | 2022-09-1 | 8.8 | LI7810 | | | | 32.7 | 28.3 | 24.4 | 11.2 | 10.7 | | -68.8 | -70.8 | -69.1 | 523.1 | 606.9 | 528.0 | 5 |
| 2022-09-12 | 5 | P | L | Fall | 2022-09-1 | 2022-09-1 | 297.5 | LI7810 | | | | | 28.3 | 24.4 | 11.2 | 10.7 | | | -70.8 | -69.1 | | 606.9 | 528.0 | 5 |
| 2022-10-01 | 1 | PSV | D | Fall | 2022-10-C | 2022-10-C | 77.6 | LI7810 | 0.035 | 0.028 | 0.021 | 27.2 | 25.3 | 27.2 | 8.0 | 8.7 | | -59.6 | -66.0 | -68.1 | 173.7 | 163.8 | 226.9 | 4.5 |
| 2022-10-01 | 1 | PSV | L | Fall | 2022-10-C | 2022-10-C | 80.4 | LI7810 | 0.035 | 0.028 | 0.021 | 27.2 | 25.3 | 27.2 | 8.0 | 8.7 | -78.1 | -59.6 | -66.0 | -68.1 | 173.7 | 163.8 | 226.9 | 4.5 |
| 2022-10-01 | 1 | PS | L | Fall | 2022-10-C | 2022-10-C | 16.3 | LI7810 | | | | 32.3 | 29.9 | 21.1 | 8.1 | 8.7 | -61.0 | -63.6 | -67.1 | -67.7 | 144.5 | 354.0 | 240.5 | 4.5 |
| 2022-10-01 | 1 | PS | D | Fall | 2022-10-C | 2022-10-C | 5.5 | LI7810 | | | | 32.3 | 29.9 | 21.1 | 8.1 | 8.7 | | -63.6 | -67.1 | -67.7 | 144.5 | 354.0 | 240.5 | 4.5 |
| 2022-10-01 | 1 | P | L | Fall | 2022-10-C | 2022-10-C | 580.0 | LI7810 | | | | | 29.9 | 21.1 | 8.1 | 8.7 | -62.8 | | -67.1 | -67.7 | | 354.0 | 240.5 | 4.5 |
| 2022-10-02 | 2 | PSV | D | Fall | 2022-10-C | 2022-10-C | 138.9 | MGGA | 0.065 | 0.066 | 0.047 | 19.0 | 17.7 | 13.1 | 8.4 | 9.0 | | -61.9 | -60.0 | -65.9 | 172.4 | 193.7 | 269.3 | 4 |
| 2022-10-02 | 2 | PSV | L | Fall | 2022-10-C | 2022-10-C | 140.2 | MGGA | 0.065 | 0.066 | 0.047 | 19.0 | 17.7 | 13.1 | 8.4 | 9.0 | -73.2 | -61.9 | -60.0 | -65.9 | 172.4 | 193.7 | 269.3 | 4 |
| 2022-10-02 | 2 | PS | L | Fall | 2022-10-C | 2022-10-C | 13.0 | MGGA | | | | 13.0 | 16.8 | 15.2 | 7.2 | 8.1 | -78.1 | -69.6 | -69.3 | -68.3 | 477.9 | 277.8 | 368.0 | 4 |
| 2022-10-02 | 2 | PS | D | Fall | 2022-10-C | 2022-10-C | 47.0 | MGGA | | | | 13.0 | 16.8 | 15.2 | 7.2 | 8.1 | | -69.6 | -69.3 | -68.3 | 477.9 | 277.8 | 368.0 | 4 |
| 2022-10-02 | 2 | P | L | Fall | 2022-10-C | 2022-10-C | 871.8 | MGGA | | | | | 16.8 | 15.2 | 7.2 | 8.1 | -70.7 | | -69.3 | -68.3 | | 277.8 | 368.0 | 4 |
| 2022-10-02 | 3 | PSV | L | Fall | 2022-10-C | 2022-10-C | 114.0 | LI7810 | 0.127 | 0.086 | 0.048 | 22.1 | 20.7 | 19.2 | 7.5 | 8.4 | -73.6 | -58.7 | -59.6 | -65.2 | 151.2 | 320.6 | 161.1 | 5.5 |
| 2022-10-02 | 3 | PSV | D | Fall | 2022-10-C | 2022-10-C | 622.9 | LI7810 | 0.127 | 0.086 | 0.048 | 22.1 | 20.7 | 19.2 | 7.5 | 8.4 | | -58.7 | -59.6 | -65.2 | 151.2 | 320.6 | 161.1 | 5.5 |
| 2022-10-02 | 3 | PS | L | Fall | 2022-10-C | 2022-10-C | 5.9 | LI7810 | | | | 16.3 | 18.6 | 23.6 | 7.8 | 8.8 | -43.5 | -64.6 | -65.5 | -67.5 | 531.2 | 430.9 | 273.6 | 5.5 |
| 2022-10-02 | 3 | PS | D | Fall | 2022-10-C | 2022-10-C | 3.2 | LI7810 | | | | 16.3 | 18.6 | 23.6 | 7.8 | 8.8 | | -64.6 | -65.5 | -67.5 | 531.2 | 430.9 | 273.6 | 5.5 |
| 2022-10-02 | 3 | P | L | Fall | 2022-10-C | 2022-10-C | 491.9 | LI7810 | | | | | 18.6 | 23.6 | 7.8 | 8.8 | -62.9 | | -65.5 | -67.5 | | 430.9 | 273.6 | 5.5 |
| 2022-10-03 | 4 | PSV | D | Fall | 2022-10-C | 2022-10-C | 42.8 | LI7810 | 0.015 | 0.015 | 0.011 | 26.1 | 22.8 | 22.2 | 7.3 | 7.5 | | -62.0 | -66.0 | -69.0 | 209.2 | 310.6 | 390.1 | 6.5 |
| 2022-10-03 | 4 | PSV | L | Fall | 2022-10-C | 2022-10-C | 41.4 | LI7810 | 0.015 | 0.015 | 0.011 | 26.1 | 22.8 | 22.2 | 7.3 | 7.5 | -78.0 | -62.0 | -66.0 | -69.0 | 209.2 | 310.6 | 390.1 | 6.5 |
| 2022-10-03 | 4 | PS | L | Fall | 2022-10-C | 2022-10-C | 4.3 | LI7810 | | | | 21.2 | 23.6 | 20.5 | 6.9 | 7.7 | -142.1 | -66.3 | -68.4 | -69.4 | 260.0 | 490.6 | 289.6 | 6.5 |
| 2022-10-03 | 4 | PS | D | Fall | 2022-10-C | 2022-10-C | 2.0 | LI7810 | | | | 21.2 | 23.6 | 20.5 | 6.9 | 7.7 | | -66.3 | -68.4 | -69.4 | 260.0 | 490.6 | 289.6 | 6.5 |
| 2022-10-03 | 4 | P | L | Fall | 2022-10-C | 2022-10-C | 162.3 | LI7810 | | | | | 23.6 | 20.5 | 6.9 | 7.7 | -65.9 | | -68.4 | -69.4 | | 490.6 | 289.6 | 6.5 |
| 2022-10-04 | 5 | PSV | L | Fall | 2022-10-C | 2022-10-C | 52.5 | MGGA | 0.004 | 0.003 | 0.011 | 25.0 | 21.8 | 17.9 | 7.3 | 8.0 | -75.2 | -57.4 | -63.4 | -67.2 | 119.2 | 188.9 | 224.9 | 2 |
| 2022-10-04 | 5 | PSV | D | Fall | 2022-10-C | 2022-10-C | 52.6 | MGGA | 0.004 | 0.003 | 0.011 | 25.0 | 21.8 | 17.9 | 7.3 | 8.0 | | -57.4 | -63.4 | -67.2 | 119.2 | 188.9 | 224.9 | 2 |
| 2022-10-04 | 5 | PS | L | Fall | 2022-10-C | 2022-10-C | 10.7 | MGGA | | | | 16.4 | 27.0 | 28.1 | 6.8 | 7.5 | -155.6 | -65.9 | -69.6 | -68.3 | 255.2 | 507.6 | 461.4 | 2 |
| 2022-10-04 | 5 | PS | D | Fall | 2022-10-C | 2022-10-C | 7.0 | MGGA | | | | 16.4 | 27.0 | 28.1 | 6.8 | 7.5 | | -65.9 | -69.6 | -68.3 | 255.2 | 507.6 | 461.4 | 2 |
| 2022-10-04 | 5 | P | L | Fall | 2022-10-C | 2022-10-C | 418.8 | MGGA | | | | | 27.0 | 28.1 | 6.8 | 7.5 | -66.3 | | -69.6 | -68.3 | | 507.6 | 461.4 | 2 |

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| Parameter name | Short name | Unit | Principal investigator | Comment |
|---|---|---|---|---|
| Measurement date | Date | yyyy-mm-dd | Katharina Jentzsch | |
| Spatial replicate id | Replicate | | Katharina Jentzsch | |
| Vegetation treatment | Treatment | | Katharina Jentzsch | PSV: intact vegetation; PS: vasular plants removed - Sphagnum moss layer remaining; P: all vegetation removed - only bare peat remaining |
| Light level | LightLevel | | Katharina Jentzsch | L: light; 1: single shading; 2: double shading; D: dark |
| Season | Season | | Katharina Jentzsch | |
| Datetime of start of chamber measurement | Starttime | yyyy-mm-ddTHH:MM:SS | Katharina Jentzsch | |
| Datetime of end of chamber measurement | Endtime | yyyy-mm-ddTHH:MM:SS | Katharina Jentzsch | |
| $CH_4$ flux | CH4flux | $mgm^{-2}d^{-1}$ | Katharina Jentzsch | |
| Gas analyzer model | GA | | Katharina Jentzsch | LI-COR $CH_4$, $CO_2$, $H_2O$ Trace Gas Analyzer (LI7180); LGR Microportable Greenhouse Gas Analyzer (MGGA) |
| Total leaf area of all vascular plants | LAtot | | Katharina Jentzsch | |
| Leaf area of all aerenchymatous plants | LAaer | | Katharina Jentzsch | |
| Leaf area index of Scheuchzeria Palustris | LAISchPal | | Katharina Jentzsch | |
| Dissolved organic carbon at 7 cm depth | DOC7 | $meL^{-1}$ | Katharina Jentzsch | |
| Dissolved organic carbon at 20 cm depth | DOC20 | $mgL^{-1}$ | Katharina Jentzsch | |
| Dissolved organic carbon at 50 cm depth | DOC50 | $mgL^{-1}$ | Katharina Jentzsch | |
| Peat temperature at 7 cm depth | Tsoil7 | °C | Katharina Jentzsch | |
| Peat temperature at 20 cm depth | Tsoil20 | °C | Katharina Jentzsch | |
| $\delta^{13}C$ of emitted $CH_4$ | d13Cemitted | ‰ | Katharina Jentzsch | |
| $\delta^{13}C$ -$CH_4$ at 7 cm depth | d13C7 | ‰ | Katharina Jentzsch | |
| $\delta^{13}C$ at 20 cm depth | d13C20 | ‰ | Katharina Jentzsch | |
| $\delta^{13}C$ -$CH_4$ at 50 cm depth | d13C50 | ‰ | Katharina Jentzsch | |
| concentration of dissolved $CH_4$ in the pore water at 7 cm depth | CH4conc7 | $mumolL^{-1}$ | Katharina Jentzsch | |
| concentration of dissolved $CH_4$ in the pore water at 20 cm depth | CH4conc20 | $mumolL^{-1}$ | Katharina Jentzsch | |
| concentration of dissolved $CH_4$ in the pore water at 50 cm depth | CH4conc50 | $mumolL^{-1}$ | Katharina Jentzsch | |
| Water table depth | WTD | cm | Katharina Jentzsch | negative values indicate water table levels above the soil surface |