



# Daily Observation Report

Thursday, January 31, 2013 at 7AM

| Station                  | PPP<br>(hPa) | T<br>(c) | Tmax<br>(c) | dTmax<br>(24h) | Tmin<br>(c) | dTmin<br>(24h) | R24hr<br>(mm) | R1Jan<br>(mm) | RH<br>(%) | Wind  |        |  |
|--------------------------|--------------|----------|-------------|----------------|-------------|----------------|---------------|---------------|-----------|-------|--------|--|
|                          |              |          |             |                |             |                |               |               |           | (deg) | (knot) |  |
| <b>Northern Part</b>     |              |          |             |                |             |                |               |               |           |       |        |  |
| MAE HONG SON             | 1017.57      | 19.3     | 29.5        | -0.7           | 18.0        | 1.7            | 39.1          | 39.1          | 96        | C     | 0      |  |
| MAE SARIANG              | 1016.79      | 20.0     | 32.9        | -0.1           | 19.4        | 0.9            | 2.4           | 2.4           | 95        | C     | 0      |  |
| CHAING RAI AGROMET.      | 1018.16      | 18.8     | 26.5        | -2.5           | 18.3        | 0.3            | 15.6          | 18.4          | 98        | C     | 0      |  |
| PHAYAO                   | 1017.62      | 19.3     | 28.0        | -2.7           | 18.9        | 0              | 21.5          | 45.0          | 97        | C     | 0      |  |
| DOI ANG KANG             | 1015.72      | 13.0     | 19.0        | 0.5            | 12.5        | -1.5           | 23.6          | 27.0          | 77        | WSW   | 2      |  |
| CHIANG MAI               | 1018.88      | 19.5     | 29.9        | -1.1           | 19.2        | -1.6           | 23.0          | 25.0          | 93        | C     | 0      |  |
| LAMPANG                  | 1016.54      | 20.5     | 31.3        | -0.4           | 20.2        | -1.3           | 28.9          | 28.9          | 96        | C     | 0      |  |
| THOEN                    | 1016.04      | 21.3     | 30.2        | -0.6           | 21.3        | 0.3            | 19.2          | 20.4          | 96        | C     | 0      |  |
| LAMPANG AGROMET.         | 1016.75      | 18.4     | 29.7        | -1.3           | 18.0        | -1.8           | 17.4          | 17.4          | 96        | C     | 0      |  |
| LAMPHUN                  | 1016.46      | 20.0     | 30.1        | -1.4           | 19.9        | -0.7           | 4.1           | 5.3           | 95        | C     | 0      |  |
| PHRAE                    | 1016.76      | 20.4     | 30.6        | -0.2           | 20.2        | -1.3           | 60.0          | 61.6          | 95        | C     | 0      |  |
| NAN                      | 1017.69      | 19.8     | 31.5        | -0.9           | 19.6        | -0.5           | 38.3          | 38.3          | 97        | C     | 0      |  |
| NAN AGROMET.             | 1018.00      | 19.0     | 30.0        | -1.2           | 18.7        | -0.6           | 40.8          | 40.8          | 97        | C     | 0      |  |
| THA WANGPHA              | 1017.14      | 19.4     | 30.0        | -0.5           | 19.0        | -1.0           | 48.3          | 48.9          | 96        | C     | 0      |  |
| THUNG CHANG              | 1017.54      | 18.3     | 28.7        | -1.3           | 18.0        | 0.6            | 36.4          | 36.4          | 99        | C     | 0      |  |
| UTTARADIT                | 1015.66      | 22.0     | 31.2        | -1.0           | 22.0        | -1.5           | 2.8           | 7.8           | 91        | C     | 0      |  |
| SUKHOTHAI*               | 1016.04      | 22.2     | 31.9        | 1.3            | 21.0        | -1.0           | 9.5           | 9.5           | 98        | C     | 0      |  |
| SI SAMRONG AGROMET.      | 1015.53      | 22.5     | 31.5        | 1.0            | 22.3        | -0.6           | 11.0          | 11.7          | 99        | C     | 0      |  |
| TAK                      | 1016.40      | 21.8     | 32.3        | 0.9            | 21.4        | -0.6           | 28.2          | 28.2          | 95        | WNW   | 4      |  |
| MAE SOT                  | 1014.63      | 21.5     | 31.5        | -2.0           | 20.4        | 0.4            | 0.0           | 0.6           | 93        | C     | 0      |  |
| BHUMIBOL DAM             | 1015.79      | 21.2     | 31.6        | 0.7            | 20.2        | -0.1           | 1.6           | 1.6           | 98        | C     | 0      |  |
| UMPHANG                  | 1015.82      | 20.0     | 30.6        | -1.1           | 19.6        | 1.4            | 26.5          | 27.5          | 96        | C     | 0      |  |
| PHITSANULOK              | 1015.52      | 24.0     | 32.1        | 1.7            | 23.5        | 1.1            | 0.0           | 4.9           | 91        | NNE   | 4      |  |
| PHETCHABUN               | 1014.44      | 22.6     | 32.3        | 1.6            | 22.0        | 1.0            | 0.0           | 29.1          | 91        | C     | 0      |  |
| LOM SAK                  | 1016.39      | 22.6     |             |                | 20.7        | 0.2            | "T"           | 13.5          | 90        | C     | 0      |  |
| WICHIAN BURI             | 1015.93      | 23.6     | 31.9        | 1.4            | 23.1        | 1.4            | 0.0           | 128.9         | 80        | C     | 0      |  |
| KAMPHAENG PHET           | 1015.51      | 22.6     | 31.6        | 1.2            | 22.4        | -0.6           | "T"           | 4.5           | 95        | C     | 0      |  |
| PICHIT AGROMET.          | 1014.85      | 23.0     | 31.5        | 1.4            | 21.9        | 0.9            | 0.0           | 13.1          | 96        | C     | 0      |  |
| <b>Northeastern Part</b> |              |          |             |                |             |                |               |               |           |       |        |  |
| NONG KHAI                | 1016.89      | 22.1     | 31.5        | 1.9            | 21.5        | 3.5            | 0.4           | 6.3           | 85        | WNW   | 6      |  |
| LOEI                     | 1016.18      | 22.0     | 31.3        | 1.7            | 21.4        | 2.6            | 0.0           | 3.8           | 82        | N     | 5      |  |
| LOEI AGROMET.            | 1017.01      | 21.4     | 30.4        | 1.9            | 21.4        | 3.1            | 0.0           | 7.4           | 87        | N     | 3      |  |
| UDON THANI               | 1015.88      | 22.4     | 32.4        | 2.8            | 21.4        | 2.9            | 0.0           | 1.8           | 78        | C     | 0      |  |
| SAKON NAKHON             | 1016.81      | 22.0     | 30.2        | -0.8           | 21.7        | 3.5            | 0.0           | 0.5           | 74        | C     | 0      |  |
| SAKON NAKHON AGROMET.    | 1016.81      | 20.0     | 31.0        | -0.8           | 19.0        | 2.5            | 0.0           | 0.2           | 90        | C     | 0      |  |
| NAKHON PHANOM            | 1016.83      | 21.0     | 32.3        | 0.8            | 20.6        | 2.8            | 0.0           | 0.5           | 80        | C     | 0      |  |
| NAKHON PHANOM AGROMET.   | 1017.23      | 19.5     | 31.2        | 0.7            | 18.2        | 2.2            | 0.0           | 0.0           | 86        | C     | 0      |  |
| NONG BUA LAM PHU         | 1014.73      | 23.0     | 30.6        | 1.5            | 21.7        | 1.9            | 0.0           | 0.4           | 74        | ESE   | 3      |  |
| KHON KAEN                | 1015.70      | 21.8     | 29.0        | -0.5           | 21.7        | 1.2            | "T"           | 7.4           | 82        | C     | 0      |  |
| THA PHRA AGROMET.        | 1015.54      | 21.4     | 28.8        | -1.2           | 20.5        | 1.3            | 0.0           | 8.8           | 95        | C     | 0      |  |
| MUKDAHAN                 | 1016.44      | 21.7     | 32.4        | 1.9            | 21.1        | 2.1            | 0.0           | 3.9           | 80        | C     | 0      |  |
| MAHASARAKHAM             | 1015.91      | 21.5     | 29.8        | -1.5           | 21.0        | 0.9            | 0.0           | 4.1           | 86        | C     | 0      |  |
| KALASIN                  | 1015.90      | 21.6     | 29.5        | -1.0           | 21.1        | 2.0            | 0.0           | 2.6           | 81        | SW    | 7      |  |
| CHAIYAPHUM               | 1015.95      | 21.5     | 27.6        | -1.0           | 20.9        | -0.1           | 0.0           | 46.9          | 92        | C     | 0      |  |



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|---------------------------|--------------|----------|-------------|----------------|-------------|----------------|---------------|---------------|-----------|-------|--------|--|
|                           |              |          |             |                |             |                |               |               |           | (deg) | (knot) |  |
| <b>Northeastern Part</b>  |              |          |             |                |             |                |               |               |           |       |        |  |
| ROI ET                    | 1016.01      | 21.4     | 30.0        | 0.5            | 21.3        | 2.1            | 0.0           | 17.5          | 84        | C     | 0      |  |
| ROI ET AGROMET.           | 1015.93      | 21.5     | 29.8        | 0.3            | 21.5        | 2.1            | "T"           | 27.1          | 82        | C     | 0      |  |
| UBON RATCHATHANI AGROMET. | 1016.68      | 19.4     | 33.8        | 1.4            | 19.0        | -0.2           | 0.0           | 1.1           | 92        | C     | 0      |  |
| UBON RATCHATHANI          | 1016.16      | 20.9     | 33.5        | 1.7            | 20.5        | 0.5            | 0.0           | 0.7           | 86        | NNE   | 2      |  |
| SI SAKET AGROMET.         | 1016.09      | 20.9     | 33.0        | 2.2            | 20.6        | -0.1           | 0.0           | 0.3           | 84        | C     | 0      |  |
| NAKHON RATCHASIMA         | 1016.10      | 21.8     | 28.7        | 0.7            | 21.4        | -0.7           | 0.0           | 4.1           | 86        | E     | 1      |  |
| PAKCHONG AGROMET.         | 1016.01      | 20.6     | 28.4        | 2.9            | 20.0        | -0.9           | 0.0           | 22.2          | 90        | ESE   | 4      |  |
| CHOK CHAI                 | 1015.83      | 22.0     | 31.4        | 2.9            | 21.2        | 1.7            | 0.0           | 9.3           | 91        | C     | 0      |  |
| SURIN                     | 1016.21      | 21.5     | 32.6        | 2.8            | 21.5        | 0.3            | 0.0           | 3.5           | 82        | N     | 1      |  |
| SURIN AGROMET.            | 1016.79      | 20.0     | 32.5        | 2.5            | 19.8        | -0.7           | 0.0           | 7.3           | 95        | C     | 0      |  |
| THA TUM                   | 1016.04      | 21.7     | 32.3        | 1.8            | 21.5        | 2.7            | 0.0           | 0.0           | 91        | C     | 0      |  |
| BURIRUM                   | 1016.76      | 21.0     | 32.0        | 2.3            | 19.5        | 0.5            | 0.0           | 35.8          | 91        | C     | 0      |  |
| NANG RONG                 | 1016.06      | 21.3     | 32.8        | 3.1            | 21.1        | -0.4           | 0.0           | 0.0           | 91        | C     | 0      |  |
| <b>Central Part</b>       |              |          |             |                |             |                |               |               |           |       |        |  |
| NAKHON SAWAN              | 1014.87      | 24.5     | 32.4        | 1.3            | 23.9        | 2.0            | 3.9           | 4.0           | 92        | C     | 0      |  |
| TAKFA AGROMET.            | 1016.06      | 24.4     | 32.0        | 0.7            | 22.5        | 0.5            | 0.2           | 0.2           | 91        | C     | 0      |  |
| CHAINAT AGROMET.          | 1014.99      | 24.5     | 33.0        | 1.0            | 24.0        | 1.5            | 0.0           | 1.3           | 87        | C     | 0      |  |
| AYUTTHAYA                 | 1015.01      | 24.5     | 31.5        | 1.0            | 23.9        | 0.4            | 0.0           | 0.0           | 94        | C     | 0      |  |
| PATHUMTHANI               | 1015.19      | 25.0     | 32.6        | 1.4            | 24.5        | 0.7            | 0.0           | 4.5           | 92        | NE    | 2      |  |
| RATCHA BURI               | 1013.62      | 22.3     | 32.0        | 2.9            | 22.3        | -1.2           | 0.0           | 0.0           | 93        | C     | 0      |  |
| SUPHAN BURI               | 1015.22      | 24.6     | 32.1        | 1.4            | 24.2        | 0.7            | 0.0           | 0.0           | 94        | C     | 0      |  |
| U THONG AGROMET.          | 1015.24      | 23.5     | 31.8        | 1.8            | 22.8        | -0.2           | 0.0           | 13.0          | 96        | C     | 0      |  |
| LOP BURI                  | 1015.13      | 25.0     | 31.5        | 0.7            | 24.6        | 0.3            | 0.0           | 9.5           | 88        | C     | 0      |  |
| BUA CHUM                  | 1015.42      | 22.5     | 30.0        | 1.2            | 20.9        | 0              | 0.0           | 40.7          | 90        | C     | 0      |  |
| PILOT STATION             | 1015.17      | 26.3     | 30.3        | 1.7            | 24.5        | -2.0           | 16.8          | 53.6          | 78        | NE    | 6      |  |
| Samut Prakarn             | 1015.00      | 24.5     | 31.8        | 1.3            | 24.4        | -0.5           | 3.6           | 58.2          | 91        | NNE   | 2      |  |
| SUVARNABHUMI AIRPORT      | 1015.13      | 23.5     | 31.5        | 0.7            | 23.5        | -1.0           | 7.2           | 53.8          | 83        | SSW   | 3      |  |
| KANCHANA BURI             | 1015.00      | 24.0     | 32.4        | 0.9            | 22.5        | -0.5           | 0.0           | 2.0           | 91        | C     | 0      |  |
| THONG PHAPHUM             | 1014.76      | 23.5     | 34.2        | -0.1           | 23.0        | 1.0            | 2.5           | 2.5           | 96        | C     | 0      |  |
| NAKHONPATHOM              | 1015.64      | 23.0     | 31.2        | 1.2            | 21.8        | 0.5            | 0.0           | 0.0           | 98        | C     | 0      |  |
| BANGKOK METROPOLIS        | 1015.20      | 25.0     | 32.6        | 1.3            | 24.7        | -0.6           | 1.6           | 32.2          | 88        | C     | 0      |  |
| BANGKOK PORT (KLONG TOEI) | 1014.81      | 25.4     | 32.0        | 1.5            | 25.2        | -0.6           | 2.3           | 30.6          | 82        | C     | 0      |  |
| BANG NA AGROMET.          | 1015.30      | 24.8     | 32.2        | 1.2            | 24.0        | -0.3           | 1.4           | 77.9          | 91        | C     | 0      |  |
| DON MUANG AIRPORT         | 1015.26      | 25.9     | 33.0        | 1.4            | 25.9        | -0.2           | 0.0           | 36.9          | 85        | WNW   | 3      |  |
| <b>Eastern Part</b>       |              |          |             |                |             |                |               |               |           |       |        |  |
| CHACHOENSAO               | 1016.51      | 23.5     | 31.4        | 1.0            | 23.2        | 0.4            | 0.0           | 51.2          | 97        |       |        |  |
| PRACHIN BURI              | 1015.06      | 25.0     | 33.0        | 0.9            | 24.5        | 0.1            | 0.0           | 0.9           | 88        | C     | 0      |  |
| KABIN BURI                | 1014.79      | 23.7     | 32.8        | 2.6            | 23.4        | 0.2            | 0.0           | 0.0           | 94        | C     | 0      |  |
| ARANYA PRATHET            | 1015.84      | 23.5     | 33.9        | 1.9            | 23.5        | -0.7           | 0.0           | 0.1           | 87        | C     | 0      |  |
| SA KAEW                   | 1014.75      | 23.4     | 33.1        | 2.0            | 23.3        | -0.2           | 0.0           | 18.4          | 93        | C     | 0      |  |
| CHON BURI                 | 1014.72      | 25.5     | 33.2        | 1.5            | 24.9        | 0.4            | 0.0           | 38.2          | 88        | C     | 0      |  |
| KO SICHANG                | 1013.16      | 24.5     | 30.6        | 0.6            | 24.5        | 0.9            | 9.4           | 129.6         | 97        | C     | 0      |  |
| PHATTHAYA                 | 1014.54      | 25.2     | 29.4        | -0.1           | 24.5        | 1.0            | 4.4           | 21.2          | 88        | C     | 0      |  |



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|-----------------------------------|--------------|----------|-------------|----------------|-------------|----------------|---------------|---------------|-----------|-------|--------|--|
|                                   |              |          |             |                |             |                |               |               |           | (deg) | (knot) |  |
| <b>Eastern Part</b>               |              |          |             |                |             |                |               |               |           |       |        |  |
| SATTAHIP                          | 1014.39      | 23.5     | 32.5        | 0.2            | 23.2        | 0              | 6.3           | 162.3         | 96        | WNW   | 2      |  |
| LAEM CHABANG                      | 1015.47      | 25.0     | 31.8        | 2.0            | 24.6        | 0.6            | 0.3           | 3.6           | 88        | C     | 0      |  |
| RAYONG                            | 1014.89      | 24.8     | 30.4        | -0.9           | 24.0        | 0.5            | "T"           | 102.4         | 92        | C     | 0      |  |
| CHANTHA BURI                      | 1014.25      | 23.4     | 31.7        | -0.6           | 23.1        | -0.3           | 0.0           | 66.3          | 93        | C     | 0      |  |
| PHLIU AGROMET.                    | 1015.04      | 23.3     | 31.1        | -1.5           | 22.5        | -0.1           | 0.0           | 115.3         | 97        | C     | 0      |  |
| TRAD                              | 1014.26      | 23.9     | 31.9        | 0.4            | 23.1        | 0.2            | 0.0           | 147.1         | 91        | SE    | 1      |  |
| <b>Southern Part (East Coast)</b> |              |          |             |                |             |                |               |               |           |       |        |  |
| PHETCHA BURI                      | 1014.73      | 23.0     | 29.7        | 0.6            | 22.2        | -0.5           | 0.2           | 6.8           | 93        | NW    | 2      |  |
| PRACHUAP KHIRIKHAN                | 1014.49      | 22.5     | 28.5        | 3.0            | 21.5        | 0              | 43.4          | 98.8          | 98        | C     | 0      |  |
| HUA HIN                           | 1014.58      | 22.9     | 29.3        | 1.5            | 22.8        | -0.7           | 0.3           | 50.9          | 93        | C     | 0      |  |
| NONG PHLUB AGROMET.               | 1015.37      | 21.0     | 31.3        | 4.1            | 20.9        | -1.4           | 0.0           | 19.9          | 97        | C     | 0      |  |
| CHUMPHON                          | 1013.77      | 23.0     | 30.3        | -0.3           | 22.8        | -0.3           | 0.0           | 118.3         | 93        | WNW   | 3      |  |
| SAWI AGROMET.                     | 1013.86      | 21.5     | 31.5        | -0.3           | 21.2        | -0.3           | 0.0           | 52.8          | 96        | C     | 0      |  |
| SURAT THANI                       | 1013.04      | 21.6     | 33.0        | 0              | 20.3        | -0.5           | 0.0           | 47.2          | 94        | C     | 0      |  |
| KO SAMUI                          | 1013.62      | 27.7     | 28.5        | 0              | 26.4        | -0.3           | 0.0           | 62.2          | 81        | E     | 10     |  |
| SURAT THANI AGROMET.              | 1015.69      | 23.2     | 31.2        | 0              | 22.0        | -0.5           | 0.0           | 42.8          | 96        | C     | 0      |  |
| PHRA SANG                         | 1013.16      | 21.0     | 33.6        | -0.2           | 20.0        | 0              | 0.0           | 24.8          | 96        | C     | 0      |  |
| NAKHONSI THAMMARAT                | 1013.29      | 23.4     | 31.2        | 0.2            | 22.1        | 0.4            | 0.0           | 84.7          | 96        | C     | 0      |  |
| NAKHONSI THAMMARAT AGROMET.       | 1013.20      | 23.0     | 30.5        | -0.3           | 22.7        | 0.2            | 0.0           | 92.3          | 98        | C     | 0      |  |
| CHAWANG                           | 1013.18      | 21.5     | 32.7        | -2.3           | 18.6        | 0              | 0.0           | 36.4          | 97        | C     | 0      |  |
| PHATTHALUNG AGROMET.              | 1012.83      | 26.5     | 31.0        | -0.5           | 26.0        | 0              | 0.0           | 58.4          | 88        | ESE   | 3      |  |
| KHO HONG AGROMET.                 | 1013.17      | 25.8     | 31.3        | -0.5           | 25.4        | 0.3            | 0.0           | 52.2          | 81        | E     | 7      |  |
| SA DAO                            | 1013.16      | 22.8     | 32.8        | -0.2           | 22.2        | 0.2            | 0.0           | 18.7          | 96        | C     | 0      |  |
| SONGKHLA                          | 1013.13      | 25.6     | 30.6        | 0.2            | 25.4        | -0.7           | 7.2           | 68.3          | 92        | SSW   | 2      |  |
| HAT YAI AIRPORT                   | 1013.32      | 24.2     | 31.1        | -0.8           | 23.4        | 0.9            | 0.0           | 39.0          | 87        | NNW   | 2      |  |
| PATTANI AIRPORT                   | 1012.86      | 24.0     | 32.8        | -0.1           | 23.2        | 0.9            | 0.0           | 60.3          | 92        | C     | 0      |  |
| YALA AGROMET.                     | 1013.65      | 23.3     | 32.2        | -0.2           | 23.0        | 1.6            | 0.0           | 97.4          | 95        | C     | 0      |  |
| NARATHIWAT                        | 1012.94      | 24.4     | 29.8        | -0.6           | 23.8        | 1.4            | 4.3           | 178.9         | 94        | C     | 0      |  |
| <b>Southern Part (West Coast)</b> |              |          |             |                |             |                |               |               |           |       |        |  |
| RANONG                            | 1013.70      | 23.2     | 32.7        | 0              | 22.5        | -0.8           | 0.0           | 6.2           | 85        | C     | 0      |  |
| TAKUA PA                          | 1012.54      | 22.0     | 33.7        | 2.3            | 21.8        | -1.0           | 0.0           | 141.1         | 91        | C     | 0      |  |
| PHUKET                            | 1012.03      | 25.7     | 34.0        | 0              | 25.6        | 1.6            | 0.0           | 58.8          | 86        | C     | 0      |  |
| PHUKET AIRPORT                    | 1011.84      | 24.4     | 33.1        | 0.1            | 21.9        | -1.9           | 0.0           | 40.1          | 82        | ENE   | 4      |  |
| KO LANTA                          | 1012.73      | 25.8     | 33.4        | -0.5           | 25.5        | -0.2           | 0.0           | 14.2          | 80        | E     | 7      |  |
| KRABI                             | 1012.17      | 23.5     | 32.9        | 0.3            | 22.0        | 0.4            | 0.0           | 90.0          | 88        | NNE   | 2      |  |
| TRANG AIRPORT                     | 1012.03      | 22.2     | 34.0        | 0.5            | 21.9        | -1.1           | 0.0           | 36.8          | 94        | C     | 0      |  |
| SATUN                             | 1012.38      | 26.0     | 33.5        | 0              | 25.5        | 0.8            | 0.0           | 25.6          | 75        | ENE   | 3      |  |

Remarks - "T" - Trace (< 0.1 millimeter)

- T, Tmax, Tmin for dry, maximum (7 AM yesterday - 7 AM today), minimum temperature respectively

- dTmax, dTmin for maximum, minimum temperature change in 24 hours

- R24hr for amount of rainfall within 24 hours

- R1Jan for the accumulative rainfall since January 1st of this current year