



## Daily Observation Report

Monday, July 29, 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             | 1002.68      | 24.2     | 31.6        | 2.0            | 23.0        | -0.3           | 8.2           | 463.9         | 94        | C     | 0      |  |
| MAE SARIANG              | 1005.74      | 23.9     | 30.0        | 0.8            | 22.1        | -0.3           | 5.7           | 346.3         | 97        | C     | 0      |  |
| CHIANG RAI               | 1000.71      | 23.4     | 26.9        | -3.4           | 23.1        | -0.9           | 76.3          | 878.9         | 96        | SSW   | 6      |  |
| CHAING RAI AGROMET.      | 1000.86      | 23.4     | 28.0        | -1.0           | 22.2        | -0.8           | 70.8          | 891.6         | 97        | C     | 0      |  |
| PHAYAO                   | 1001.74      | 23.2     | 28.7        | -1.4           | 23.0        | -0.5           | 14.2          | 408.7         | 96        | SSE   | 2      |  |
| DOI ANG KANG             | 1001.05      | 17.7     | 21.9        | -0.6           | 17.4        | -0.1           | 90.2          | 948.4         | 99        | W     | 20     |  |
| CHIANG MAI               | 1003.29      | 24.3     | 30.0        | 1.1            | 24.0        | 0.3            | 3.4           | 466.2         | 96        | C     | 0      |  |
| LAMPANG                  | 1003.59      | 23.8     | 29.0        | -2.0           | 23.1        | -0.9           | 5.2           | 420.5         | 97        | C     | 0      |  |
| THOEN                    | 1003.00      | 24.5     | 31.1        | 0.3            | 24.1        | 0.3            | 1.2           | 499.2         | 94        | C     | 0      |  |
| LAMPANG AGROMET.         | 1003.22      | 23.4     | 31.8        | 0.8            | 23.2        | -0.3           | 1.8           | 487.3         | 96        | C     | 0      |  |
| LAMPHUN                  | 1002.19      | 24.2     | 31.3        | -0.5           | 24.0        | 0.1            | 1.5           | 456.9         | 97        | C     | 0      |  |
| PHRAE                    | 1002.68      | 24.0     | 28.3        | -2.2           | 23.5        | -1.0           | 2.5           | 530.7         | 97        | C     | 0      |  |
| NAN                      | 1002.72      | 23.7     | 27.8        | -1.6           |             |                | 18.0          | 394.8         | 100       | C     | 0      |  |
| NAN AGROMET.             | 1002.74      | 23.5     | 27.0        | -1.8           | 23.2        | -1.1           | 25.8          | 519.2         | 96        | C     | 0      |  |
| THA WANGPHA              | 1002.88      | 23.5     | 27.5        | -2.0           | 23.0        | -1.4           | 53.0          | 749.9         | 96        | C     | 0      |  |
| THUNG CHANG              | 1002.69      | 23.0     | 26.8        | -2.2           | 22.8        | -1.3           | 124.0         | 730.0         | 98        | C     | 0      |  |
| UTTARADIT                | 1003.60      | 24.9     | 29.0        | -2.6           | 24.6        | -0.4           | 8.3           | 586.0         | 93        | C     | 0      |  |
| SUKHOTHAI*               | 1004.16      | 25.0     | 31.5        | 0.3            | 23.0        | -1.0           | 3.6           | 525.2         | 97        | C     | 0      |  |
| SI SAMRONG AGROMET.      | 1003.66      | 24.8     | 29.0        | -2.6           | 24.5        | -0.8           | 3.1           | 529.4         | 96        | C     | 0      |  |
| TAK                      | 1004.10      | 24.3     | 27.7        | -1.3           | 23.8        | -0.6           | 10.4          | 459.8         | 94        | S     | 2      |  |
| MAE SOT                  | 1003.54      | 23.0     | 27.0        | 0.2            |             |                | 191.2         | 811.7         | 97        | C     | 0      |  |
| BHUMIBOL DAM             | 1002.99      | 26.5     | 31.0        | 0              | 25.6        | 0.5            | 1.5           | 227.4         | 77        | C     | 0      |  |
| DOI MU SOE AGROMET.      | 1004.66      | 20.1     | 21.3        | -0.4           | 19.5        | -0.6           | 59.8          | 830.7         | 99        | WNW   | 8      |  |
| UMPHANG                  | 1004.72      | 22.0     | 25.0        | 0              | 21.5        | 0              | 65.4          | 808.0         | 95        | C     | 0      |  |
| PHITSANULOK              | 1004.15      | 25.0     | 28.8        | -2.0           | 23.1        | -1.0           | 6.4           | 738.8         | 92        | S     | 5      |  |
| PHETCHABUN               | 1003.50      | 23.7     | 26.8        | -3.4           |             |                | 33.5          | 648.2         | 96        | C     | 0      |  |
| LOM SAK                  | 1004.47      | 23.5     | 26.3        | -3.1           | 23.0        | -0.9           | 16.6          | 423.9         | 96        | S     | 7      |  |
| WICHIAN BURI             | 1005.16      | 25.0     | 30.5        | -1.5           | 24.8        | 0.3            | 0.3           | 729.9         | 96        | C     | 0      |  |
| KAMPHAENG PHET           | 1004.32      | 24.6     | 29.4        | -0.5           | 24.2        | -0.8           | 3.1           | 728.5         | 97        | C     | 0      |  |
| PICHIT AGROMET.          | 1003.98      | 24.8     | 28.7        | -2.0           | 21.5        | -1.8           | 0.4           | 596.5         | 95        | SE    | 5      |  |
| <b>Northeastern Part</b> |              |          |             |                |             |                |               |               |           |       |        |  |
| NONG KHAI                | 1004.51      | 23.4     | 26.0        | -3.7           | 22.2        | -2.5           | 36.9          | 861.7         | 98        | SE    | 3      |  |
| LOEI                     | 1003.28      | 23.0     | 28.8        | -1.5           | 22.8        | -1.9           | 22.8          | 772.5         | 96        | C     | 0      |  |
| LOEI AGROMET.            | 1003.61      | 22.8     | 28.5        | -1.5           | 22.5        | -1.3           | 19.6          | 609.9         | 98        | C     | 0      |  |
| UDON THANI               | 1004.85      | 24.0     | 26.5        | -2.6           | 23.5        | -1.1           | 8.6           | 615.5         | 93        | S     | 2      |  |
| SAKON NAKHON             | 1005.09      | 23.1     | 25.0        | -3.0           | 22.8        | -0.7           | 158.1         | 1315.0        | 96        | S     | 2      |  |
| SAKON NAKHON AGROMET.    | 1004.73      | 23.0     | 25.0        | -3.0           | 22.5        | -1.1           | 89.6          | 1161.3        | 96        | C     | 0      |  |
| NAKHON PHANOM            | 1005.37      | 23.3     | 25.1        | -1.5           | 23.2        | -0.5           | 115.5         | 1424.2        | 97        | C     | 0      |  |
| NAKHON PHANOM AGROMET.   | 1005.55      | 23.4     | 25.0        | -1.5           | 23.0        | -1.5           | 76.2          | 1275.9        | 96        | E     | 2      |  |
| NONG BUA LAM PHU         | 1003.17      | 23.0     | 27.0        | -2.6           | 20.6        | -2.2           | 15.0          | 800.4         | 96        | S     | 2      |  |
| KHON KAEN                | 1005.66      | 23.7     | 25.7        | -5.8           | 23.0        | -0.7           | 12.4          | 461.8         | 94        | SSW   | 3      |  |
| THA PHRA AGROMET.        | 1004.90      | 24.1     | 25.8        | -5.4           | 23.3        | -0.7           | 13.2          | 471.7         | 95        | S     | 3      |  |
| MUKDAHAN                 | 1005.16      | 23.5     | 26.5        | -3.3           | 22.6        | -1.4           | 30.8          | 1076.6        | 100       | C     | 0      |  |
| MAHASARAKHAM             | 1005.55      | 24.2     | 26.5        | -4.8           | 23.5        | -1.0           | 18.8          | 486.2         | 98        | WSW   | 5      |  |



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Monday, July 29, 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>Northeastern Part</b>     |              |          |             |                |             |                |               |               |           |       |        |  |
| KALASIN                      | 1006.15      | 23.8     | 26.0        | -2.7           | 23.7        | -0.8           | 18.7          | 563.8         | 95        | SSW   | 10     |  |
| CHAIYAPHUM                   | 1005.73      | 24.0     | 26.0        | -4.2           | 22.8        | -1.0           | 27.3          | 716.2         | 93        | C     | 0      |  |
| ROI ET                       | 1005.68      | 23.6     | 26.5        | -3.5           | 23.4        | -1.2           | 22.8          | 784.5         | 96        | S     | 4      |  |
| ROI ET AGROMET.              | 1005.90      | 24.0     | 26.0        | -3.4           | 23.4        | -0.8           | 24.4          | 599.1         | 96        | C     | 0      |  |
| UBON RATCHATHANI<br>AGROMET. | 1007.64      | 24.5     | 27.4        | -4.0           | 23.7        | 0              | 1.7           | 800.5         | 91        | SSW   | 2      |  |
| UBON RATCHATHANI             | 1007.33      | 24.8     | 28.1        | -5.0           | 24.3        | 0.7            | 2.9           | 851.5         | 91        | S     | 4      |  |
| SI SAKET AGROMET.            | 1006.57      | 25.2     | 28.5        | -1.5           | 24.5        | 0.5            | 1.0           | 683.7         | 93        | C     | 0      |  |
| NAKHON RATCHASIMA            | 1005.80      | 25.5     | 28.3        | -4.8           | 24.9        | -0.4           | 2.1           | 396.7         | 82        | S     | 1      |  |
| PAKCHONG AGROMET.            | 1005.92      | 25.5     | 28.5        | -2.5           | 23.7        | -0.2           | 7.2           | 458.4         | 76        | W     | 10     |  |
| CHOK CHAI                    | 1006.14      | 25.0     | 28.9        | -4.3           | 24.0        | -1.2           | 3.2           | 518.6         | 88        | C     | 0      |  |
| SURIN                        | 1006.69      | 25.2     | 27.7        | -3.5           | 24.3        | -0.2           | 1.3           | 678.4         | 90        | SSE   | 6      |  |
| THA TUM                      | 1007.21      | 25.3     | 27.5        | -4.2           | 24.0        | -1.0           | 5.0           | 478.0         | 93        | SSE   | 2      |  |
| BURIRUM                      | 1006.56      | 24.0     | 26.3        | -6.2           | 22.9        | -1.1           | 12.4          |               | 96        | SSE   | 6      |  |
| NANG RONG                    | 1005.90      | 24.8     | 27.9        | -4.7           | 24.2        | 0.2            | 3.5           | 513.8         | 90        | S     | 3      |  |
| <b>Central Part</b>          |              |          |             |                |             |                |               |               |           |       |        |  |
| NAKHON SAWAN                 | 1004.45      | 25.5     | 30.2        | -2.3           | 25.0        | -0.8           | 1.0           | 484.2         | 87        | E     | 3      |  |
| TAKFA AGROMET.               | 1006.11      | 24.5     | 30.5        | -1.8           | 24.0        | -0.7           | 5.2           | 547.5         | 93        | SW    | 2      |  |
| CHAINAT AGROMET.             | 1004.90      | 25.0     | 30.8        | -0.7           | 24.5        | -0.5           | 1.4           | 569.4         | 87        | SSE   | 5      |  |
| AYUTTHAYA                    | 1005.78      | 25.4     | 31.0        | -2.4           | 23.5        | -0.6           | 0.5           | 345.0         | 92        | C     | 0      |  |
| PATHUMTHANI                  | 1006.11      | 26.4     | 34.5        | -0.2           | 25.5        | -0.5           | 0.2           | 361.4         | 89        | E     | 3      |  |
| RATCHA BURI                  | 1006.05      | 25.0     | 30.5        | -3.0           | 24.6        | -1.0           | 4.0           | 553.6         | 98        | C     | 0      |  |
| SUPHAN BURI                  | 1005.99      | 25.5     | 32.0        | -0.6           | 24.5        | -0.7           | 2.3           | 378.8         | 93        | C     | 0      |  |
| U THONG AGROMET.             | 1005.81      | 24.8     | 31.3        | -1.0           | 24.0        | -0.6           | 3.8           | 260.5         | 97        | C     | 0      |  |
| LOP BURI                     | 1005.95      | 25.3     | 31.3        | -0.9           | 24.7        | -0.7           | 0.9           | 338.4         | 92        | SE    | 3      |  |
| BUA CHUM                     | 1005.36      | 25.0     | 30.4        | -3.1           | 23.5        | -0.5           | 15.0          | 614.7         | 93        | SW    | 5      |  |
| PILOT STATION                | 1006.60      | 28.2     | 29.7        | -0.8           | 26.7        | 0.5            | 0.1           | 434.3         | 80        | WSW   | 15     |  |
| Samut Prakarn                | 1006.30      | 28.0     | 30.5        | -0.8           | 26.9        | 2.0            | "T"           | 630.3         | 82        | SW    | 10     |  |
| SUARNABHUMI<br>AIRPORT       | 1006.48      | 26.4     | 30.5        | -2.0           | 26.1        | 0.1            | 3.5           | 502.2         | 82        | SSW   | 6      |  |
| KANCHANA BURI                | 1005.70      | 25.0     | 31.5        | -1.5           | 21.8        | -1.2           | 8.1           | 415.8         | 92        | C     | 0      |  |
| THONG PHAPHUM                | 1006.28      | 23.5     | 25.8        | -1.2           | 23.1        | -0.7           | 142.5         | 940.3         | 99        | C     | 0      |  |
| BANGKOK METROPOLIS           | 1006.27      | 26.0     | 30.7        | -3.5           | 25.7        | 0.5            | 5.3           | 689.7         | 97        | SSE   | 2      |  |
| BANGKOK PORT (KLONG<br>TOEI) | 1006.16      | 26.4     | 30.9        | -2.1           | 25.9        | 1.0            | 2.2           | 566.3         | 85        | C     | 0      |  |
| BANG NA AGROMET.             | 1006.25      | 26.4     | 31.1        | -2.7           | 25.6        | -0.1           | 2.4           | 681.5         | 89        | C     | 0      |  |
| DON MUANG AIRPORT            | 1006.14      | 26.3     | 31.8        | -2.7           | 26.0        | -0.5           | 0.1           | 689.4         | 86        | SSW   | 5      |  |
| <b>Eastern Part</b>          |              |          |             |                |             |                |               |               |           |       |        |  |
| CHACHOENSAO                  | 1008.42      | 25.2     | 31.0        | -1.0           | 24.7        | 0.6            | 2.3           | 721.2         | 95        | C     | 0      |  |
| PRACHIN BURI                 | 1007.05      | 25.6     | 30.0        | -3.5           | 25.2        | 0              | 4.0           | 870.9         | 96        | C     | 0      |  |
| KABIN BURI                   | 1007.02      | 25.3     | 29.1        | -1.2           | 24.7        | 0.2            | 7.9           | 744.9         | 97        | C     | 0      |  |
| ARANYA PRATHET               | 1007.39      | 26.0     | 30.4        | -2.4           | 25.1        | 1.0            | 16.3          | 725.5         | 96        | C     | 0      |  |
| SA KAEW                      | 1007.08      | 25.7     | 29.7        | -1.8           | 25.3        | 0.9            | 5.9           | 840.8         | 98        | C     | 0      |  |
| CHON BURI                    | 1006.63      | 27.4     | 31.1        | -2.2           | 26.4        | -0.1           | 0.1           | 713.5         | 85        | C     | 0      |  |
| KO SICHANG                   | 1006.35      | 28.0     | 30.0        | -1.5           | 26.3        | 0              | 1.0           | 634.2         | 85        | SE    | 4      |  |
| PHATTHAYA                    | 1006.99      | 27.0     |             |                | 25.3        | 0.1            | 5.0           | 369.0         | 92        | SSW   | 7      |  |



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|-----------------------------------|--------------|----------|-------------|----------------|-------------|----------------|---------------|---------------|-----------|-------|--------|--|
|                                   |              |          |             |                |             |                |               |               |           | (deg) | (knot) |  |
| <b>Eastern Part</b>               |              |          |             |                |             |                |               |               |           |       |        |  |
| LAEM CHABANG                      | 1007.47      | 27.2     | 30.2        | -0.9           | 25.2        | 0.1            | 4.8           | 541.5         | 89        | SW    | 11     |  |
| RAYONG                            | 1007.52      | 28.0     | 31.0        | 0.5            | 25.8        | 1.3            | 12.6          | 929.7         | 87        | SSW   | 10     |  |
| HUAI PONG AGROMET.                | 1007.05      | 27.5     | 31.8        | -0.2           | 25.0        | 0              | 0.4           |               | 81        | C     | 0      |  |
| CHANTHA BURI                      | 1006.74      | 26.0     | 30.6        | -1.5           | 25.2        | 0.7            | 28.9          | 2095.3        | 98        | C     | 0      |  |
| PHLIU AGROMET.                    | 1007.30      | 26.2     | 30.0        | -0.7           | 25.0        | 1.0            | 0.0           | 2269.3        | 96        | C     | 0      |  |
| TRAD                              | 1007.41      | 24.7     | 31.0        | 1.2            | 23.5        | -0.3           | 30.7          | 2982.8        | 97        | E     | 2      |  |
| <b>Southern Part (East Coast)</b> |              |          |             |                |             |                |               |               |           |       |        |  |
| PHETCHA BURI                      | 1006.46      | 25.1     | 33.4        | 0.5            | 24.4        | -2.3           | 6.9           | 245.9         | 97        | C     | 0      |  |
| PRACHUAP KHIRIKHAN                | 1007.43      | 27.3     | 34.9        | 0.9            | 25.0        | -1.7           | 0.0           | 460.5         | 78        | C     | 0      |  |
| HUA HIN                           | 1006.02      | 26.5     | 34.3        | -0.1           | 25.3        | -1.7           | 0.9           | 343.4         | 84        | C     | 0      |  |
| NONG PHLUB AGROMET.               | 1006.72      | 24.4     | 32.6        | -1.5           | 23.9        | -0.4           | 5.7           | 478.5         | 97        | C     | 0      |  |
| CHUMPHON                          | 1008.55      | 26.0     | 32.3        | -0.4           | 25.6        | 0.4            | 0.1           | 920.5         | 84        | C     | 0      |  |
| SAWI AGROMET.                     | 1008.11      | 26.0     | 33.5        | 0.5            | 25.5        | 0.7            | 0.0           | 838.0         | 84        | C     | 0      |  |
| SURAT THANI                       | 1009.43      | 23.5     | 35.0        | 1.5            | 23.3        | -0.2           | 0.0           | 606.3         | 94        | C     | 0      |  |
| KO SAMUI                          | 1008.64      | 26.0     | 32.9        | -1.3           | 25.5        | -0.2           | 0.0           | 549.6         | 84        | C     | 0      |  |
| SURAT THANI AGROMET.              | 1011.42      | 23.8     | 31.4        | -1.6           | 22.3        | 0.3            | 0.0           | 804.4         | 93        | C     | 0      |  |
| PHRA SANG                         | 1009.40      | 24.5     | 32.0        | -1.5           | 23.0        | -1.5           | 0.0           | 711.1         | 96        | C     | 0      |  |
| NAKHONSI THAMMARAT                | 1008.83      | 24.0     | 33.4        | -1.8           | 22.5        | -0.5           | 0.0           | 1007.5        | 91        | C     | 0      |  |
| NAKHONSI THAMMARAT AGROMET.       | 1008.73      | 24.2     | 33.7        | -1.3           | 23.9        | 0.3            | 0.0           | 831.1         | 93        | C     | 0      |  |
| CHAWANG                           | 1010.11      | 23.0     |             |                | 23.0        | 1.0            | 0.0           | 892.8         | 97        | C     | 0      |  |
| PHATTHALUNG AGROMET.              | 1009.05      | 23.6     | 33.4        | -1.3           | 23.5        | 0.1            | 0.0           | 743.8         | 95        | S     | 2      |  |
| KHO HONG AGROMET.                 | 1009.73      | 24.3     | 34.8        | 0              | 24.0        | 0              | 0.0           | 836.1         | 93        | C     | 0      |  |
| SA DAO                            | 1009.94      | 23.7     | 34.7        | -0.6           | 22.6        | 0.2            | 0.0           | 568.5         | 96        | C     | 0      |  |
| SONGKHLA                          | 1009.86      | 26.5     | 35.3        | 0.5            | 25.6        | 0.1            | 0.0           | 720.7         | 83        | S     | 3      |  |
| HAT YAI AIRPORT                   | 1010.33      | 23.9     | 34.2        | 0.2            | 23.7        | 0              | 0.0           | 710.9         | 92        | C     | 0      |  |
| PATTANI AIRPORT                   | 1009.70      | 24.7     | 33.5        | -0.3           | 24.2        | -0.1           | 0.0           | 611.8         | 92        | C     | 0      |  |
| YALA AGROMET.                     | 1010.63      | 23.5     | 34.0        | -0.6           | 23.2        | -0.8           | 0.0           | 1092.0        | 92        | W     | 3      |  |
| NARATHIWAT                        | 1010.05      | 24.5     | 33.4        | 0.7            | 23.5        | 0.8            | 0.0           | 1006.4        | 87        | C     | 0      |  |
| <b>Southern Part (West Coast)</b> |              |          |             |                |             |                |               |               |           |       |        |  |
| RANONG                            | 1009.06      | 26.8     | 31.8        | -0.2           | 25.6        | -0.3           | 0.0           | 2616.2        | 83        | SW    | 2      |  |
| TAKUA PA                          | 1009.25      | 25.0     | 31.0        | -0.2           | 24.7        | -0.1           | 0.0           | 2844.8        | 97        | C     | 0      |  |
| PHUKET                            | 1009.68      | 26.6     | 33.6        | 0.6            | 25.7        | -0.1           | 0.0           | 1188.6        | 91        | C     | 0      |  |
| PHUKET AIRPORT                    | 1009.32      | 28.0     | 31.0        | -0.3           | 25.8        | -0.9           | 0.0           | 1343.8        | 82        | C     | 0      |  |
| KO LANTA                          | 1010.40      | 28.5     | 30.5        | -0.1           | 26.0        | 1.0            | 0.0           | 1203.0        | 78        | W     | 8      |  |
| KRABI                             | 1009.15      | 24.0     | 31.1        | -1.0           | 22.2        | 0.1            | 0.0           | 1318.0        | 96        | C     | 0      |  |
| TRANG AIRPORT                     | 1009.82      | 24.0     | 33.8        | 0              | 23.7        | -0.2           | 0.0           | 1026.7        | 95        | C     | 0      |  |
| SATUN                             | 1009.61      | 25.3     | 33.2        | -0.2           | 24.5        | 0.5            | 0.0           | 1093.1        | 93        | C     | 0      |  |

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