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**SVIRCO Prompt Report: December 2012**

Fabrizio Signoretti and Francesco Re

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**ISTITUTO DI ASTROFISICA E PLANETOLOGIA SPAZIALI**

**AREA DI RICERCA ROMA - TOR VERGATA**

**Via del Fosso del Cavaliere, 100 - 00133 Roma (ITALIA)**



## **SVIRCO Prompt Report: December 2012**

**Fabrizio Signoretti and Francesco Re**

*IAPS - INAF, Area di Ricerca Roma - Tor Vergata  
Via del Fosso del Cavaliere, 100 - 00133 Roma, Italy,*

### **Abstract**

*The pressure corrected intensity of the nucleonic component, produced by primary cosmic rays and recorded in December 2012 by the Neutron Monitor of SVIRCO-Rome (present geographic position:  $41.86^\circ$  N -  $12.47^\circ$  E; altitude about s.l. ), is reported in prompt form together with the barometric pressure data.*



## SVIRCO OBSERVATORY

During the 1<sup>st</sup> International Geophysics Year (1957) an international network of “ground-based detectors” for continuous cosmic ray measurements was world-wide established.

The cosmic ray station of Rome joined this network with the purpose to study the time variations of primary cosmic rays (**Studio Variazioni Intensità Raggi Cosmici: S.V.I.R.CO**) and their modulation in the heliosphere.

From July 1957 to April 1997, the SVIRCO Station (now Observatory) performed uninterrupted measurements at the Physics Department “G. Marconi” of “La Sapienza” University of Rome (41.90° N, 12.52° E, altitude about 60 m a.s.l.)

In May 1997 the neutron monitor was moved to the Physics Department “E. Amaldi” of “Roma Tre” University. Since then it has been continuously running at the new location (41.86° N, 12.47° E, altitude about 0 m a.s.l.).

The SVIRCO Observatory (INAF/IAPS-UNIRomaTre collaboration) is housed in a reserved building provided with a double air-conditioning system. The inner temperature is permanently restrained in a range of 23°-26° C, meanwhile the relative humidity is kept below 57%. Either the environmental parameters are continuously checked and recorded by digital sensors.

On January 1, 2005 three counters were added to the detector. This upgrade, from 17 to 20 NM-64, made the SVIRCO neutron monitor still consist of 5 sections but modified its geometry. Actually the new arrangement has been composed of three 3-counter, one 5-counter and one 6-counter units. The enhancement improved not only the overall counting rate of 15.6 % (January 2005) but, as a result, also the statistical quality of the recorded data.

Each of the 20 BF<sub>3</sub> proportional counters (BP-28 type) is equipped with a smart amplifier/discriminator circuit complete with a spectrum stabilizer. This new electronic unit, developed in our laboratory, holds firmly the pulse height spectrum of the amplifier output (within a range of more than 150 volts around the operating voltage), providing the counter with a great immunity against high voltage variations.

Anyway, systematic and exhaustive tests of the counters are regularly performed. The output pulses of the amplifiers, discriminated by the threshold gates, are collected and stored into a multi-channel analyzer. The analysis of the height distribution (spectrum) of the amplifier pulses coinciding with the discriminator ones, is essential to verify the long term efficiency of each counter together with the amplifier gain and the discriminator threshold level.

As well as the amplifier/discriminator circuits, a large part of the electronic instrumentation operating in the Observatory was designed and realized in our laboratory together with the software for data acquisition and pre-elaboration.

In order to improve the reliability of the recorded data and to prevent measurement breakdowns, two independent systems perform contemporary the data acquisition. Each system is remotely controlled by a dedicated computer and is timed by a high stability quartz clock and/or a GPS receiver. One equipment runs according to a timing of 1 minute and fulfils the acquisition of the 20 counters separately. The other one records the individual 5-minute counting rate of each detector section in addition to the rates of the overall multiplicity, sorted into separated counting channels ( from 1 to greater than 8 ).

A special care is devoted to the atmospheric pressure measurements, thus they are carried out by means of not less than three barometers at the same time. These instruments (achieving a resolution up to 0.01 hPa), are constantly checked out each other for the best measuring accuracy and reliability. Furthermore the devices in use are equipped with different types of transducer such as vibrating cylinder, force balance and quartz, therefore, throughout their different behaviours, it is possible to point out the occurrence of any long-term drift and eventually to re-calibrate the instruments themselves.

## DATA PRESENTATION

In a preliminary step, the intensity data, of the secondary nucleonic component of cosmic ray, detected at SVIRCO Observatory, were corrected for pressure variations at a reference level of 1009.25 hPa with an attenuation coefficient of 0.70% / hPa.

The five-minutes counting rates, of the examined month, are reported in tabular form together with the hourly normalized data, which provide a continuous data set for long-term analysis.

The normalization was evaluated as percentage of the counting rate average of January-February 1997, when the Monitor operated at the previous location of "La Sapienza" University. The reference counting rate level (100%), computed for such period, is equal to 554946 counts/hour.

The atmospheric pressure data (in hectoPascal) are also collected in a monthly table which presents the five-minutes averages and the hourly ones.

The hourly averages of the normalized intensity and pressure, plotted in monthly graphs, are reported too.

## CONDITIONS FOR SVIRCO DATA USE

You are welcome to use neutron monitor data of SVIRCO, IAPS/INAF-UNIRomaTre collaboration, under the following conditions:

*-You agree to acknowledge our financial supports in any published use of the data.*

*Example: "SVIRCO NM is supported by the INAF - UNIRomaTre collaboration"*

*-You are kindly requested to send a copy of any published work derived from our data to:*

Dr. Stefano Massetti  
Head of SVIRCO Observatory & TPL  
Istituto di Astrofisica e Planetologia Spaziali - Area di Ricerca Tor Vergata  
Via del Fosso del Cavaliere,100 00133 Roma - Italy,

[stefano.massetti@ifs-roma.inaf.it](mailto:stefano.massetti@ifs-roma.inaf.it)

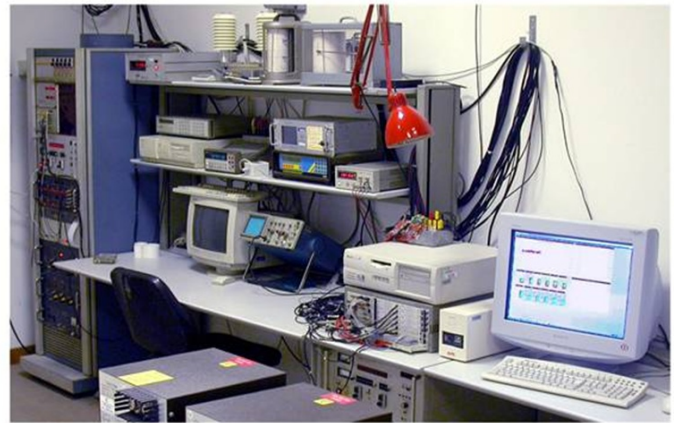




# S.V.I.R.CO. Observatory

Rome

Italy







| INAF/UNIRomaTre |    |       |       | S.V.I.R.CO. Observatory - Pressure Corrected Data – December 2012 |       |       |       |       |       |       |       |       | 20 NM-64 |        |
|-----------------|----|-------|-------|---|-------|-------|-------|-------|-------|-------|-------|-------|----------|--------|
| day             | hh | 00_05 | 05_10 | 10_15   | 15_20 | 20_25 | 25_30 | 30_35 | 35_40 | 40_45 | 45_50 | 50_55 | 55_60    | h-norm |
| 1               | 0  | 45155 | 45425 | 45452   | 45334 | 45321 | 45522 | 46114 | 45495 | 45263 | 45416 | 45725 | 45922    | 98.975 |
|                 | 1  | 45453 | 45475 | 45690   | 45139 | 45649 | 45602 | 45925 | 45835 | 45028 | 45482 | 45366 | 45247    | 98.924 |
|                 | 2  | 45224 | 45403 | 44724   | 45396 | 44980 | 45933 | 45307 | 45285 | 45224 | 45465 | 45105 | 45375    | 98.476 |
|                 | 3  | 44766 | 45079 | 45259   | 45502 | 45334 | 45222 | 45876 | 44887 | 45328 | 44973 | 45683 | 45025    | 98.387 |
|                 | 4  | 45481 | 45387 | 45569   | 45065 | 45839 | 44735 | 45242 | 45744 | 45646 | 45119 | 45506 | 44700    | 98.586 |
|                 | 5  | 44870 | 45345 | 45279   | 45268 | 45340 | 44941 | 45176 | 44975 | 45213 | 45513 | 45658 | 45405    | 98.396 |
|                 | 6  | 45077 | 44998 | 44458   | 45912 | 44922 | 44841 | 44940 | 44917 | 44917 | 45568 | 45176 | 45505    | 98.078 |
|                 | 7  | 45559 | 45176 | 45798   | 45653 | 45627 | 45301 | 45346 | 45337 | 45527 | 45422 | 45233 | 45700    | 98.885 |
|                 | 8  | 44864 | 45339 | 45031   | 45318 | 45953 | 45583 | 45341 | 45539 | 45494 | 45585 | 45470 | 44966    | 98.668 |
|                 | 9  | 45460 | 44964 | 44943   | 45215 | 45439 | 45704 | 44748 | 44965 | 44444 | 45450 | 45760 | 45409    | 98.309 |
|                 | 10 | 45290 | 44976 | 44569   | 45360 | 46299 | 45136 | 45315 | 45667 | 45496 | 45563 | 44793 | 45297    | 98.537 |
|                 | 11 | 44926 | 45848 | 45424   | 44885 | 45485 | 45511 | 45565 | 45086 | 45432 | 45302 | 45758 | 45919    | 98.788 |
|                 | 12 | 45072 | 45718 | 45734   | 45719 | 45009 | 45473 | 45249 | 45188 | 45542 | 45079 | 45806 | 45719    | 98.817 |
|                 | 13 | 44895 | 45022 | 45177   | 44875 | 45686 | 45707 | 44909 | 44901 | 45053 | 45447 | 45454 | 44936    | 98.229 |
|                 | 14 | 44860 | 44914 | 45326   | 45277 | 45093 | 45197 | 45036 | 45229 | 45442 | 44811 | 45137 | 44864    | 98.071 |
|                 | 15 | 44655 | 45256 | 45375   | 44962 | 45680 | 44994 | 45459 | 45137 | 45116 | 44993 | 45493 | 45550    | 98.339 |
|                 | 16 | 44609 | 44923 | 45339   | 45191 | 45080 | 46265 | 44789 | 44558 | 45331 | 45582 | 45225 | 44735    | 98.151 |
|                 | 17 | 45778 | 44961 | 45729   | 45121 | 45825 | 45284 | 45533 | 45045 | 44684 | 45323 | 45425 | 45309    | 98.583 |
|                 | 18 | 45306 | 45416 | 45292   | 45219 | 44958 | 45757 | 45673 | 45361 | 45706 | 45648 | 44881 | 44937    | 98.608 |
|                 | 19 | 45359 | 45070 | 45562   | 45258 | 44708 | 45362 | 45543 | 45482 | 45364 | 45354 | 45280 | 45304    | 98.516 |
|                 | 20 | 45260 | 44992 | 44939   | 45782 | 45246 | 45648 | 45331 | 45769 | 45033 | 45285 | 46063 | 45093    | 98.660 |
|                 | 21 | 44954 | 44854 | 45637   | 45105 | 45879 | 45734 | 45851 | 44978 | 45315 | 45696 | 45064 | 45724    | 98.724 |
|                 | 22 | 45260 | 45307 | 44726   | 45402 | 46450 | 44820 | 45681 | 45384 | 45281 | 44806 | 45187 | 44834    | 98.425 |
|                 | 23 | 45380 | 45254 | 45207   | 45465 | 45496 | 45215 | 44993 | 45763 | 45286 | 44989 | 45064 | 44978    | 98.416 |
| 2               | 0  | 45330 | 45811 | 44945   | 44645 | 44956 | 45471 | 44796 | 45232 | 44883 | 44574 | 45274 | 44793    | 97.986 |
|                 | 1  | 45677 | 45126 | 44562   | 45019 | 44759 | 45718 | 45264 | 45476 | 44912 | 45225 | 46196 | 45785    | 98.530 |
|                 | 2  | 45100 | 44781 | 45309   | 45238 | 45905 | 44750 | 45927 | 44912 | 44983 | 45014 | 45724 | 45451    | 98.417 |
|                 | 3  | 45357 | 45632 | 46155   | 45442 | 45071 | 46017 | 45169 | 45255 | 45463 | 44996 | 45565 | 45978    | 98.961 |
|                 | 4  | 45116 | 45350 | 44531   | 45170 | 44871 | 45138 | 46014 | 45217 | 45858 | 45006 | 45245 | 45416    | 98.387 |
|                 | 5  | 46059 | 45230 | 45127   | 45426 | 45587 | 45311 | 45538 | 45234 | 45690 | 45284 | 44867 | 45022    | 98.649 |
|                 | 6  | 45262 | 45789 | 45444   | 45330 | 44862 | 45289 | 45930 | 45564 | 45365 | 45059 | 45254 | 45463    | 98.692 |
|                 | 7  | 45284 | 45545 | 45267   | 45477 | 45019 | 45649 | 45492 | 45080 | 45745 | 45208 | 45696 | 45244    | 98.708 |
|                 | 8  | 45650 | 44685 | 44980   | 45339 | 44901 | 44715 | 45141 | 45227 | 45175 | 45119 | 45512 | 45706    | 98.245 |
|                 | 9  | 44951 | 44957 | 45331   | 45901 | 45482 | 45777 | 45513 | 45392 | 45362 | 45729 | 45516 | 45708    | 98.874 |
|                 | 10 | 45363 | 45377 | 45670   | 45173 | 45481 | 45730 | 45791 | 45243 | 45298 | 45661 | 45437 | 45223    | 98.843 |
|                 | 11 | 45317 | 44769 | 45706   | 45423 | 45567 | 45233 | 45332 | 45470 | 45359 | 45250 | 45303 | 45126    | 98.554 |
|                 | 12 | 45716 | 45493 | 45458   | 45873 | 45405 | 46129 | 45371 | 45762 | 45118 | 45335 | 45289 | 45185    | 98.967 |
|                 | 13 | 45542 | 45935 | 45652   | 45761 | 45266 | 45518 | 45849 | 45891 | 45105 | 45399 | 45158 | 45085    | 98.972 |
|                 | 14 | 45160 | 45513 | 45738   | 45239 | 45322 | 45502 | 45025 | 45363 | 45030 | 45776 | 45023 | 45499    | 98.615 |
|                 | 15 | 45190 | 45404 | 45246   | 45787 | 45082 | 45333 | 45403 | 45351 | 45097 | 44952 | 45180 | 45120    | 98.426 |
|                 | 16 | 45344 | 45207 | 45888   | 45266 | 45201 | 45629 | 45274 | 46120 | 44925 | 44587 | 45026 | 44991    | 98.482 |
|                 | 17 | 45593 | 45459 | 45103   | 45363 | 45282 | 45268 | 44719 | 45694 | 44760 | 45307 | 45477 | 44750    | 98.358 |
|                 | 18 | 44816 | 45946 | 44974   | 44891 | 44816 | 44901 | 45076 | 45556 | 44308 | 44923 | 45438 | 45330    | 98.032 |
|                 | 19 | 45187 | 45133 | 45244   | 45311 | 45771 | 44733 | 45102 | 44585 | 44871 | 44751 | 45249 | 45212    | 98.063 |
|                 | 20 | 44839 | 44933 | 45653   | 45373 | 45113 | 44834 | 45346 | 45192 | 45106 | 44701 | 44643 | 45229    | 98.030 |
|                 | 21 | 45122 | 44968 | 44956   | 45552 | 44720 | 44813 | 45048 | 45244 | 45023 | 45463 | 45026 | 45340    | 98.087 |
|                 | 22 | 44780 | 45209 | 44925   | 44857 | 44978 | 45018 | 45404 | 44822 | 45485 | 45069 | 45535 | 44914    | 98.036 |
|                 | 23 | 45019 | 45193 | 44962   | 45161 | 45302 | 45006 | 44829 | 45468 | 45576 | 45714 | 45592 | 45360    | 98.432 |

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|-----------------|----|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|--------|
| day             | hh | 00_05   | 05_10 | 10_15 | 15_20 | 20_25 | 25_30 | 30_35 | 35_40 | 40_45 | 45_50 | 50_55 | 55_60    | h-norm |
| 3               | 0  | 44967   | 44676 | 45507 | 44480 | 45131 | 44850 | 44993 | 44940 | 45372 | 44998 | 44935 | 45040    | 97.838 |
|                 | 1  | 44989   | 45370 | 44733 | 45356 | 45078 | 45521 | 45834 | 45081 | 45217 | 44874 | 44764 | 45080    | 98.200 |
|                 | 2  | 45316   | 44678 | 45163 | 45502 | 44628 | 45065 | 45323 | 44743 | 44825 | 45417 | 44726 | 45521    | 98.020 |
|                 | 3  | 45884   | 45554 | 44931 | 45831 | 45032 | 44843 | 44953 | 45204 | 45731 | 44319 | 44618 | 44775    | 98.160 |
|                 | 4  | 45245   | 45208 | 44977 | 45061 | 45471 | 45815 | 45424 | 45222 | 45187 | 44801 | 45653 | 45236    | 98.454 |
|                 | 5  | 45722   | 45071 | 45237 | 45169 | 45465 | 45360 | 45212 | 45483 | 45328 | 44987 | 45089 | 45277    | 98.472 |
|                 | 6  | 45624   | 44307 | 44477 | 45614 | 45489 | 44702 | 45369 | 45045 | 45678 | 44884 | 45512 | 44609    | 98.094 |
|                 | 7  | 45244   | 45296 | 45954 | 45861 | 45063 | 45483 | 45401 | 45043 | 45342 | 45324 | 45777 | 45676    | 98.846 |
|                 | 8  | 45217   | 44880 | 45287 | 44874 | 45400 | 45579 | 45314 | 45284 | 45539 | 45386 | 45493 | 45288    | 98.497 |
|                 | 9  | 45640   | 45365 | 45465 | 45532 | 45125 | 45534 | 45099 | 45482 | 45778 | 45847 | 45444 | 44664    | 98.758 |
|                 | 10 | 45715   | 45222 | 44797 | 44737 | 45297 | 45675 | 45078 | 45222 | 45224 | 45735 | 45125 | 45171    | 98.399 |
|                 | 11 | 45523   | 45210 | 45363 | 45667 | 44880 | 45219 | 45615 | 45524 | 45237 | 45393 | 45464 | 45768    | 98.737 |
|                 | 12 | 45154   | 45007 | 45741 | 44882 | 45439 | 45294 | 45054 | 45286 | 45400 | 44955 | 45084 | 45100    | 98.290 |
|                 | 13 | 45535   | 44758 | 45371 | 44728 | 45425 | 45263 | 44802 | 45106 | 45686 | 45272 | 45861 | 45686    | 98.489 |
|                 | 14 | 45105   | 45912 | 45270 | 45077 | 44966 | 45709 | 44693 | 45090 | 45426 | 45073 | 45414 | 45393    | 98.423 |
|                 | 15 | 45209   | 44764 | 44683 | 45449 | 45274 | 45231 | 45520 | 45503 | 45002 | 44841 | 44941 | 45639    | 98.228 |
|                 | 16 | 45306   | 44747 | 44601 | 44890 | 45354 | 44663 | 44591 | 44527 | 45672 | 44915 | 44895 | 44548    | 97.622 |
|                 | 17 | 44711   | 45062 | 44910 | 44928 | 45633 | 44766 | 44761 | 45043 | 44599 | 45664 | 45117 | 44982    | 97.887 |
|                 | 18 | 44917   | 44852 | 45390 | 45396 | 45069 | 45690 | 45253 | 44981 | 45140 | 44055 | 44676 | 45206    | 97.969 |
|                 | 19 | 44671   | 45827 | 44685 | 44733 | 44833 | 44769 | 45533 | 44482 | 45307 | 45365 | 44711 | 44472    | 97.745 |
|                 | 20 | 44703   | 44842 | 44671 | 45262 | 45225 | 44306 | 44842 | 44835 | 44904 | 44543 | 44972 | 45094    | 97.529 |
|                 | 21 | 44997   | 44721 | 44375 | 44124 | 44451 | 45138 | 45033 | 44792 | 44896 | 45183 | 45078 | 45156    | 97.484 |
|                 | 22 | 44712   | 44447 | 45105 | 45039 | 44625 | 44740 | 45106 | 45386 | 44771 | 45195 | 44714 | 44779    | 97.606 |
|                 | 23 | 45115   | 44346 | 45075 | 44813 | 44916 | 44967 | 44588 | 45761 | 44661 | 44450 | 45008 | 44625    | 97.552 |
| 4               | 0  | 44787   | 44896 | 44893 | 44934 | 44848 | 44737 | 44491 | 44505 | 45340 | 45074 | 44567 | 45187    | 97.530 |
|                 | 1  | 44770   | 45472 | 45033 | 44957 | 44858 | 44912 | 44429 | 44581 | 45065 | 44378 | 44826 | 44954    | 97.536 |
|                 | 2  | 45330   | 45756 | 44948 | 45081 | 45249 | 44664 | 44533 | 44785 | 45923 | 45053 | 45322 | 44586    | 98.078 |
|                 | 3  | 45494   | 45397 | 45130 | 44353 | 44754 | 45107 | 44821 | 44768 | 44705 | 44947 | 45492 | 45597    | 97.958 |
|                 | 4  | 44859   | 45082 | 45250 | 44549 | 45210 | 45210 | 44702 | 45007 | 44679 | 44975 | 44359 | 45092    | 97.669 |
|                 | 5  | 45230   | 45408 | 44734 | 45282 | 45236 | 44701 | 46121 | 44488 | 45503 | 45460 | 45261 | 45134    | 98.319 |
|                 | 6  | 45455   | 45033 | 45103 | 44999 | 45895 | 44881 | 45567 | 45099 | 45350 | 45333 | 45309 | 44800    | 98.367 |
|                 | 7  | 45052   | 45532 | 44633 | 45511 | 45852 | 45036 | 45338 | 45087 | 45746 | 45102 | 45143 | 45397    | 98.477 |
|                 | 8  | 45085   | 44730 | 44863 | 44992 | 45246 | 45654 | 45189 | 45623 | 45885 | 45375 | 44769 | 45338    | 98.354 |
|                 | 9  | 45545   | 45268 | 45207 | 45562 | 45068 | 45277 | 44466 | 45575 | 45677 | 45004 | 44958 | 45418    | 98.404 |
|                 | 10 | 45210   | 45638 | 45586 | 45572 | 45261 | 45574 | 45328 | 45592 | 45075 | 45289 | 45217 | 45364    | 98.708 |
|                 | 11 | 45197   | 45767 | 45631 | 45804 | 45534 | 45506 | 45085 | 45887 | 45442 | 45981 | 45019 | 45777    | 99.058 |
|                 | 12 | 44697   | 45832 | 45470 | 45383 | 45200 | 45446 | 45984 | 44963 | 45249 | 45292 | 45597 | 45110    | 98.621 |
|                 | 13 | 44860   | 45403 | 45239 | 45581 | 45679 | 46271 | 45377 | 45307 | 45097 | 45357 | 44849 | 45646    | 98.702 |
|                 | 14 | 45142   | 44854 | 45719 | 44766 | 44829 | 44861 | 44967 | 45929 | 45289 | 45137 | 45248 | 45496    | 98.261 |
|                 | 15 | 45312   | 44844 | 45063 | 45593 | 45718 | 45107 | 45071 | 44782 | 45474 | 44820 | 45652 | 45649    | 98.415 |
|                 | 16 | 45750   | 44915 | 45844 | 44801 | 45148 | 45098 | 45547 | 45592 | 45168 | 44771 | 45147 | 45163    | 98.390 |
|                 | 17 | 45373   | 45229 | 45150 | 44869 | 45583 | 45338 | 45319 | 45346 | 45481 | 45174 | 45029 | 45533    | 98.476 |
|                 | 18 | 45371   | 45322 | 44775 | 45501 | 45260 | 45432 | 45444 | 45290 | 44604 | 45542 | 45105 | 44794    | 98.297 |
|                 | 19 | 44907   | 45103 | 45450 | 44814 | 45159 | 44910 | 45440 | 44727 | 45066 | 45540 | 45051 | 45250    | 98.113 |
|                 | 20 | 45282   | 44923 | 45197 | 45706 | 44843 | 44708 | 44826 | 45712 | 45427 | 44783 | 45489 | 45035    | 98.206 |
|                 | 21 | 45677   | 45192 | 44428 | 45411 | 44370 | 44529 | 45167 | 44490 | 44836 | 45681 | 45347 | 44427    | 97.775 |
|                 | 22 | 45328   | 44947 | 44494 | 45398 | 44666 | 45250 | 44906 | 44405 | 45785 | 45272 | 45224 | 44633    | 97.912 |
|                 | 23 | 44743   | 45224 | 45665 | 44706 | 44916 | 45119 | 45465 | 45507 | 45377 | 45122 | 45330 | 44896    | 98.231 |

| INAF/UNIRomaTre |    |       |       | S.V.I.R.CO. Observatory - Pressure Corrected Data – December 2012 |       |       |       |       |       |       |       |       | 20 NM-64 |         |
|-----------------|----|-------|-------|---|-------|-------|-------|-------|-------|-------|-------|-------|----------|---------|
| day             | hh | 00_05 | 05_10 | 10_15   | 15_20 | 20_25 | 25_30 | 30_35 | 35_40 | 40_45 | 45_50 | 50_55 | 55_60    | h-norm  |
| 5               | 0  | 45337 | 45043 | 44836   | 45094 | 45494 | 44610 | 45168 | 45636 | 44875 | 44872 | 45665 | 45320    | 98.210  |
|                 | 1  | 45467 | 45465 | 45141   | 45722 | 45322 | 45232 | 45529 | 45579 | 44592 | 45128 | 44585 | 44652    | 98.293  |
|                 | 2  | 45573 | 45743 | 45425   | 45061 | 45273 | 45240 | 44824 | 45582 | 45612 | 45256 | 45478 | 45091    | 98.609  |
|                 | 3  | 45204 | 45308 | 45654   | 44961 | 44655 | 45133 | 44680 | 45876 | 45400 | 45176 | 45386 | 45567    | 98.399  |
|                 | 4  | 45939 | 45481 | 45280   | 45302 | 45299 | 45053 | 45552 | 45188 | 45167 | 44889 | 45286 | 45519    | 98.572  |
|                 | 5  | 45660 | 44965 | 45727   | 45458 | 45576 | 45519 | 45945 | 45183 | 45788 | 45239 | 45422 | 45130    | 98.872  |
|                 | 6  | 45240 | 45684 | 45238   | 45432 | 45516 | 45714 | 45952 | 45270 | 45520 | 45985 | 45412 | 45507    | 99.028  |
|                 | 7  | 45829 | 45139 | 45046   | 45285 | 45970 | 45062 | 45400 | 44838 | 45442 | 45505 | 45981 | 45650    | 98.788  |
|                 | 8  | 45580 | 45630 | 44960   | 45206 | 45948 | 45614 | 45764 | 45678 | 45376 | 45618 | 45679 | 45320    | 99.010  |
|                 | 9  | 45406 | 45690 | 45355   | 45305 | 45447 | 45526 | 45825 | 45243 | 45454 | 45614 | 45686 | 45475    | 98.948  |
|                 | 10 | 45171 | 45296 | 45643   | 46005 | 45324 | 45352 | 46551 | 45794 | 45727 | 45671 | 45852 | 45511    | 99.288  |
|                 | 11 | 45339 | 45862 | 45937   | 45679 | 45446 | 45390 | 45979 | 45760 | 46090 | 45589 | 45931 | 46080    | 99.502  |
|                 | 12 | 46084 | 45425 | 45606   | 45979 | 46266 | 46225 | 46112 | 45900 | 45311 | 46069 | 45388 | 45532    | 99.649  |
|                 | 13 | 45544 | 46649 | 45629   | 45668 | 45884 | 46025 | 45352 | 45249 | 45833 | 45696 | 45826 | 44760    | 99.326  |
|                 | 14 | 45402 | 45599 | 45641   | 44852 | 45261 | 45581 | 45883 | 46071 | 46115 | 45557 | 46118 | 45549    | 99.238  |
|                 | 15 | 45289 | 45669 | 45400   | 45277 | 45827 | 45506 | 45643 | 45713 | 45417 | 45853 | 45706 | 45825    | 99.147  |
|                 | 16 | 45881 | 45682 | 45690   | 45687 | 45936 | 45593 | 45707 | 46010 | 45619 | 46202 | 45441 | 45351    | 99.450  |
|                 | 17 | 45622 | 45481 | 46165   | 45290 | 45765 | 46000 | 45220 | 45280 | 45686 | 44984 | 46271 | 45512    | 99.175  |
|                 | 18 | 45628 | 45821 | 46155   | 45617 | 45743 | 46509 | 45812 | 46002 | 45714 | 45935 | 45425 | 45420    | 99.628  |
|                 | 19 | 45786 | 45404 | 45671   | 45504 | 45342 | 44889 | 45813 | 45457 | 45707 | 46169 | 45664 | 45518    | 99.111  |
|                 | 20 | 45760 | 45270 | 45403   | 45718 | 45259 | 45513 | 45470 | 45549 | 45619 | 45323 | 45928 | 45939    | 99.079  |
|                 | 21 | 45915 | 45951 | 45601   | 45704 | 45033 | 45529 | 45033 | 45739 | 45789 | 45478 | 45713 | 45578    | 99.136  |
|                 | 22 | 45335 | 45801 | 45827   | 46286 | 45138 | 45451 | 45892 | 46074 | 45278 | 45136 | 44982 | 46216    | 99.199  |
|                 | 23 | 45537 | 45400 | 45951   | 46222 | 46077 | 45330 | 45683 | 45410 | 45473 | 45354 | 45733 | 45522    | 99.250  |
| 6               | 0  | 45842 | 45635 | 45257   | 45441 | 45927 | 45120 | 45327 | 46765 | 45569 | 45012 | 45540 | 45716    | 99.150  |
|                 | 1  | 45241 | 45635 | 45119   | 45554 | 45385 | 45215 | 46027 | 45006 | 45269 | 45269 | 45748 | 45524    | 98.760  |
|                 | 2  | 45200 | 45151 | 44967   | 45839 | 45464 | 44958 | 45195 | 45481 | 45728 | 45704 | 45504 | 45466    | 98.700  |
|                 | 3  | 45868 | 45238 | 45169   | 45571 | 45658 | 45643 | 45094 | 45367 | 45414 | 45085 | 45236 | 45642    | 98.759  |
|                 | 4  | 45308 | 45597 | 45912   | 45522 | 44970 | 45502 | 45091 | 45364 | 45923 | 45687 | 45394 | 45790    | 98.954  |
|                 | 5  | 45416 | 45735 | 45193   | 45438 | 45453 | 45541 | 45338 | 45818 | 45483 | 45505 | 45349 | 45198    | 98.847  |
|                 | 6  | 45641 | 45216 | 45519   | 45576 | 45212 | 45504 | 46508 | 45656 | 46170 | 46086 | 45774 | 45728    | 99.412  |
|                 | 7  | 45297 | 45790 | 45547   | 45859 | 45706 | 46089 | 45543 | 45935 | 45540 | 45625 | 45702 | 45417    | 99.314  |
|                 | 8  | 45891 | 45675 | 45789   | 45905 | 45212 | 45746 | 46053 | 46169 | 45810 | 46512 | 46038 | 45516    | 99.725  |
|                 | 9  | 45311 | 45971 | 45846   | 45467 | 45468 | 45755 | 46121 | 46060 | 45207 | 46010 | 44905 | 46328    | 99.387  |
|                 | 10 | 45475 | 46000 | 45971   | 45639 | 45124 | 45957 | 45735 | 45337 | 46257 | 45441 | 45545 | 45593    | 99.319  |
|                 | 11 | 45840 | 45620 | 45589   | 45592 | 45071 | 45574 | 46022 | 45674 | 45728 | 45512 | 45924 | 45433    | 99.229  |
|                 | 12 | 45603 | 46113 | 46274   | 45585 | 46815 | 45698 | 46392 | 46220 | 45659 | 46155 | 46324 | 46493    | 100.271 |
|                 | 13 | 45550 | 46079 | 45855   | 45998 | 46156 | 46431 | 45608 | 45255 | 45301 | 45926 | 46284 | 45248    | 99.612  |
|                 | 14 | 46028 | 46333 | 45709   | 45817 | 46468 | 45403 | 46274 | 46280 | 46234 | 46181 | 46178 | 46393    | 100.265 |
|                 | 15 | 46176 | 45614 | 45758   | 45568 | 45783 | 45685 | 45972 | 45800 | 46115 | 45878 | 46138 | 45244    | 99.619  |
|                 | 16 | 45673 | 46023 | 45938   | 45603 | 45705 | 45193 | 45903 | 45692 | 45626 | 45920 | 45979 | 45627    | 99.465  |
|                 | 17 | 46053 | 45922 | 45436   | 46100 | 45951 | 45481 | 45772 | 46070 | 46186 | 45624 | 46364 | 45790    | 99.803  |
|                 | 18 | 45660 | 45621 | 46229   | 46045 | 45697 | 46255 | 46202 | 45538 | 45744 | 46472 | 46159 | 44972    | 99.775  |
|                 | 19 | 45599 | 45815 | 46829   | 45683 | 46097 | 45580 | 45322 | 45733 | 45417 | 45621 | 45969 | 45765    | 99.565  |
|                 | 20 | 45302 | 45757 | 45980   | 46328 | 46112 | 45494 | 45829 | 45485 | 45695 | 45644 | 44869 | 45867    | 99.371  |
|                 | 21 | 45301 | 45717 | 46004   | 46076 | 45265 | 45833 | 45373 | 46338 | 46133 | 46007 | 45927 | 45905    | 99.646  |
|                 | 22 | 45500 | 45312 | 45480   | 45225 | 46122 | 45477 | 45809 | 45674 | 45867 | 45958 | 45371 | 46201    | 99.305  |
|                 | 23 | 46091 | 45475 | 45388   | 45376 | 45900 | 45900 | 45739 | 45639 | 44915 | 45597 | 46012 | 45581    | 99.235  |

| INAF/UNIRomaTre |    | S.V.I.R.CO. Observatory - Pressure Corrected Data - December 2012 |       |       |       |       |       |       |       |       |       |       | 20 NM-64 |         |
|-----------------|----|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|---------|
| day             | hh | 00_05   | 05_10 | 10_15 | 15_20 | 20_25 | 25_30 | 30_35 | 35_40 | 40_45 | 45_50 | 50_55 | 55_60    | h-norm  |
| 7               | 0  | 45941   | 46339 | 45428 | 45343 | 45503 | 45807 | 45961 | 44954 | 45575 | 46071 | 46122 | 45075    | 99.326  |
|                 | 1  | 45689   | 45643 | 45031 | 45371 | 45417 | 45941 | 46206 | 45037 | 46462 | 45706 | 45285 | 46355    | 99.331  |
|                 | 2  | 45854   | 45863 | 46019 | 45890 | 45515 | 44940 | 46046 | 45509 | 44962 | 46026 | 46211 | 44950    | 99.266  |
|                 | 3  | 45962   | 45623 | 45599 | 45326 | 46361 | 45950 | 45804 | 46013 | 45442 | 45800 | 45950 | 45273    | 99.505  |
|                 | 4  | 45580   | 45380 | 46143 | 45677 | 46156 | 46165 | 45619 | 46182 | 45379 | 45436 | 46291 | 45168    | 99.519  |
|                 | 5  | 45814   | 45225 | 45445 | 45558 | 44786 | 45210 | 46031 | 45908 | 45910 | 45474 | 45471 | 45501    | 99.003  |
|                 | 6  | 45825   | 46588 | 45956 | 45623 | 45463 | 45750 | 45710 | 46024 | 45653 | 46033 | 45636 | 46146    | 99.742  |
|                 | 7  | 45734   | 45610 | 45709 | 45955 | 45655 | 45709 | 45866 | 46448 | 45826 | 45976 | 45750 | 45631    | 99.644  |
|                 | 8  | 45468   | 45846 | 45569 | 46152 | 45259 | 45883 | 46072 | 45973 | 44912 | 44726 | 45956 | 45492    | 99.179  |
|                 | 9  | 45136   | 45952 | 45769 | 45537 | 45903 | 45495 | 46543 | 45487 | 45858 | 45878 | 45988 | 45898    | 99.567  |
|                 | 10 | 46242   | 46075 | 45022 | 46065 | 46011 | 46356 | 45775 | 45740 | 46325 | 45682 | 45386 | 45606    | 99.719  |
|                 | 11 | 45405   | 45724 | 45648 | 45966 | 45821 | 45565 | 45963 | 45922 | 45960 | 45432 | 45361 | 46086    | 99.461  |
|                 | 12 | 45700   | 46249 | 45295 | 45874 | 45535 | 45291 | 46135 | 45677 | 45984 | 45832 | 45145 | 45447    | 99.335  |
|                 | 13 | 45691   | 45559 | 45835 | 45416 | 45448 | 45459 | 45800 | 45560 | 46063 | 46064 | 45522 | 45737    | 99.334  |
|                 | 14 | 45229   | 45186 | 46195 | 45215 | 45306 | 45840 | 45182 | 45741 | 45806 | 45363 | 45683 | 45755    | 99.034  |
|                 | 15 | 46376   | 45397 | 45703 | 45760 | 45764 | 46039 | 45335 | 46514 | 45415 | 45490 | 45464 | 45674    | 99.474  |
|                 | 16 | 45314   | 45301 | 45659 | 45661 | 45543 | 45551 | 45477 | 45966 | 45376 | 45731 | 45929 | 45807    | 99.182  |
|                 | 17 | 45638   | 45423 | 45240 | 45435 | 45597 | 45485 | 45370 | 45964 | 46393 | 45786 | 45646 | 46587    | 99.409  |
|                 | 18 | 46117   | 45906 | 45863 | 45722 | 45775 | 46116 | 45375 | 46071 | 45507 | 45868 | 45620 | 46337    | 99.718  |
|                 | 19 | 46077   | 45546 | 45594 | 45236 | 45510 | 45584 | 46332 | 45671 | 45947 | 46030 | 45603 | 45573    | 99.434  |
|                 | 20 | 46352   | 46124 | 45273 | 46324 | 46095 | 46071 | 45360 | 45891 | 46033 | 45578 | 45836 | 45959    | 99.830  |
|                 | 21 | 45597   | 45972 | 45785 | 45609 | 46081 | 46045 | 46246 | 45936 | 46264 | 46071 | 46237 | 45901    | 99.985  |
|                 | 22 | 45786   | 45875 | 46182 | 45926 | 45819 | 45818 | 45816 | 45552 | 45236 | 45577 | 45599 | 46033    | 99.526  |
|                 | 23 | 46141   | 45665 | 45887 | 45597 | 46191 | 45560 | 45925 | 46230 | 45443 | 45148 | 45821 | 45530    | 99.511  |
| 8               | 0  | 46012   | 45206 | 45801 | 46079 | 45331 | 45263 | 45082 | 45395 | 45953 | 45848 | 45737 | 45252    | 99.100  |
|                 | 1  | 45309   | 45046 | 45906 | 45970 | 45974 | 45783 | 45436 | 45495 | 45174 | 45637 | 45689 | 45899    | 99.182  |
|                 | 2  | 45011   | 45797 | 45943 | 45859 | 45237 | 45328 | 45650 | 45706 | 45528 | 46191 | 45741 | 45866    | 99.280  |
|                 | 3  | 46027   | 45961 | 45327 | 46026 | 45659 | 45740 | 45630 | 45656 | 45863 | 46125 | 45522 | 45773    | 99.543  |
|                 | 4  | 45505   | 45849 | 45576 | 45466 | 45474 | 45721 | 45471 | 45491 | 46143 | 45266 | 45591 | 45882    | 99.203  |
|                 | 5  | 45873   | 46193 | 45212 | 45177 | 46265 | 45571 | 46079 | 45711 | 46093 | 46290 | 45544 | 45223    | 99.529  |
|                 | 6  | 45877   | 46150 | 45970 | 45540 | 45662 | 45352 | 45658 | 45396 | 45690 | 45540 | 46043 | 46248    | 99.509  |
|                 | 7  | 45449   | 45849 | 45079 | 46426 | 45742 | 46204 | 45637 | 45964 | 46147 | 46038 | 45714 | 45511    | 99.624  |
|                 | 8  | 45898   | 45531 | 45867 | 45678 | 45194 | 45767 | 46076 | 45568 | 46135 | 45756 | 46141 | 46000    | 99.597  |
|                 | 9  | 45744   | 45865 | 45636 | 45300 | 45490 | 45660 | 46094 | 45935 | 45567 | 45438 | 45794 | 46062    | 99.411  |
|                 | 10 | 45750   | 46221 | 46194 | 45969 | 45065 | 46200 | 45947 | 46070 | 45953 | 45627 | 45993 | 45788    | 99.808  |
|                 | 11 | 46044   | 45892 | 45897 | 45228 | 45604 | 45638 | 45957 | 45868 | 46194 | 45732 | 46068 | 46082    | 99.705  |
|                 | 12 | 46162   | 45905 | 45785 | 45815 | 46398 | 46128 | 46040 | 46229 | 45700 | 46355 | 46375 | 46539    | 100.290 |
|                 | 13 | 46287   | 45818 | 45795 | 46408 | 46304 | 45838 | 46206 | 46665 | 46067 | 45741 | 46045 | 46259    | 100.290 |
|                 | 14 | 46370   | 46674 | 46108 | 45748 | 45444 | 45689 | 45677 | 46013 | 46348 | 45825 | 46285 | 46148    | 100.090 |
|                 | 15 | 45944   | 46248 | 45783 | 45814 | 45763 | 46424 | 45984 | 46570 | 46529 | 45606 | 45379 | 45837    | 100.009 |
|                 | 16 | 45940   | 46174 | 45998 | 45687 | 45372 | 46025 | 45955 | 46365 | 45718 | 46477 | 46222 | 45715    | 99.966  |
|                 | 17 | 46201   | 45732 | 45743 | 45716 | 46187 | 45988 | 45660 | 46317 | 45372 | 45639 | 45852 | 45695    | 99.687  |
|                 | 18 | 46042   | 45868 | 45714 | 45606 | 46203 | 45635 | 46211 | 45828 | 45887 | 45715 | 46102 | 46124    | 99.837  |
|                 | 19 | 45673   | 46783 | 45893 | 45916 | 46677 | 46184 | 45790 | 46047 | 46055 | 46399 | 45663 | 45851    | 100.199 |
|                 | 20 | 46091   | 45817 | 46039 | 45899 | 45996 | 46028 | 46178 | 45926 | 46370 | 46003 | 46130 | 46035    | 100.123 |
|                 | 21 | 45543   | 46420 | 46238 | 45936 | 45747 | 46134 | 45480 | 45700 | 46391 | 45790 | 46322 | 46126    | 99.999  |
|                 | 22 | 45848   | 45969 | 45834 | 45670 | 46142 | 46631 | 45839 | 45609 | 46035 | 45419 | 46203 | 46008    | 99.887  |
|                 | 23 | 45559   | 46104 | 45458 | 46217 | 45739 | 45509 | 45957 | 46075 | 46263 | 45883 | 46521 | 46073    | 99.914  |

| INAF/UNIRomaTre |    |       |       | S.V.I.R.CO. Observatory - Pressure Corrected Data – December 2012 |       |       |       |       |       |       |       |       | 20 NM-64 |         |
|-----------------|----|-------|-------|---|-------|-------|-------|-------|-------|-------|-------|-------|----------|---------|
| day             | hh | 00_05 | 05_10 | 10_15   | 15_20 | 20_25 | 25_30 | 30_35 | 35_40 | 40_45 | 45_50 | 50_55 | 55_60    | h-norm  |
| 9               | 0  | 46101 | 46035 | 45682   | 45955 | 45972 | 45655 | 45866 | 46357 | 46138 | 45993 | 45778 | 46609    | 100.063 |
|                 | 1  | 46304 | 46081 | 45868   | 46051 | 46098 | 45709 | 46277 | 45820 | 45797 | 45827 | 45663 | 46492    | 100.028 |
|                 | 2  | 46490 | 46275 | 46264   | 46494 | 46008 | 45697 | 45291 | 45802 | 45993 | 45811 | 46081 | 45948    | 100.058 |
|                 | 3  | 46347 | 45544 | 46171   | 45849 | 46347 | 45775 | 45276 | 45798 | 45632 | 45657 | 46408 | 46159    | 99.843  |
|                 | 4  | 46165 | 46074 | 45807   | 45630 | 46187 | 45474 | 45438 | 45277 | 46006 | 46234 | 46171 | 46494    | 99.841  |
|                 | 5  | 45469 | 45772 | 46090   | 45626 | 45935 | 46035 | 45683 | 46558 | 46418 | 45744 | 45879 | 45394    | 99.777  |
|                 | 6  | 45814 | 45628 | 46171   | 45559 | 45610 | 45849 | 46687 | 45483 | 45429 | 45987 | 46172 | 46430    | 99.816  |
|                 | 7  | 46219 | 45869 | 46067   | 45612 | 45465 | 45553 | 45807 | 45577 | 45619 | 45638 | 46572 | 45773    | 99.627  |
|                 | 8  | 45753 | 45710 | 45646   | 45848 | 45970 | 45819 | 46082 | 45694 | 46545 | 46138 | 45669 | 46280    | 99.876  |
|                 | 9  | 46425 | 45757 | 46027   | 45818 | 46021 | 45827 | 46002 | 46378 | 45563 | 46258 | 45827 | 46071    | 100.026 |
|                 | 10 | 45942 | 45643 | 46059   | 45963 | 45777 | 45500 | 45807 | 46277 | 46453 | 45806 | 45909 | 45536    | 99.790  |
|                 | 11 | 45765 | 45889 | 45947   | 46312 | 45739 | 46162 | 45448 | 45739 | 46527 | 45900 | 46105 | 46021    | 99.949  |
|                 | 12 | 46651 | 45813 | 45446   | 45445 | 45309 | 45584 | 46156 | 46257 | 45482 | 45829 | 46231 | 45777    | 99.664  |
|                 | 13 | 45686 | 46498 | 46150   | 45451 | 45667 | 45790 | 46381 | 46508 | 46076 | 45434 | 45947 | 45958    | 99.948  |
|                 | 14 | 45581 | 46153 | 46276   | 45544 | 46407 | 46006 | 45570 | 45935 | 45650 | 45900 | 46153 | 45968    | 99.875  |
|                 | 15 | 46496 | 46614 | 46234   | 46210 | 45948 | 46047 | 46018 | 45951 | 45824 | 45936 | 45735 | 45782    | 100.175 |
|                 | 16 | 46563 | 45369 | 45529   | 46088 | 46445 | 45841 | 45747 | 45870 | 46343 | 45085 | 45615 | 45387    | 99.647  |
|                 | 17 | 46046 | 45866 | 46068   | 46061 | 45853 | 45484 | 46200 | 45759 | 45616 | 45767 | 46105 | 45838    | 99.788  |
|                 | 18 | 45442 | 45426 | 46135   | 46231 | 46050 | 45871 | 46003 | 46104 | 46391 | 46104 | 45964 | 45868    | 99.956  |
|                 | 19 | 45309 | 45254 | 46329   | 45901 | 46275 | 45809 | 46448 | 46581 | 46320 | 45927 | 45396 | 45953    | 99.940  |
|                 | 20 | 45889 | 45730 | 46029   | 46298 | 46060 | 45830 | 46265 | 45983 | 46156 | 46019 | 45625 | 45519    | 99.922  |
|                 | 21 | 46016 | 45699 | 46448   | 46394 | 45634 | 46436 | 45875 | 45594 | 46012 | 46185 | 45950 | 45960    | 100.067 |
|                 | 22 | 45634 | 45895 | 46385   | 45991 | 45373 | 46403 | 45948 | 46270 | 46729 | 46153 | 46106 | 45897    | 100.172 |
|                 | 23 | 46160 | 45494 | 46074   | 45683 | 46272 | 45623 | 45652 | 45605 | 45720 | 45234 | 45664 | 45568    | 99.441  |
| 10              | 0  | 45998 | 45527 | 45989   | 45484 | 46165 | 45233 | 45823 | 45634 | 45356 | 45580 | 45901 | 46653    | 99.548  |
|                 | 1  | 46065 | 45937 | 45710   | 45795 | 45651 | 45222 | 45699 | 46674 | 45515 | 45848 | 46444 | 45536    | 99.685  |
|                 | 2  | 45954 | 45811 | 45889   | 46367 | 46174 | 45330 | 45834 | 46216 | 45758 | 45727 | 45672 | 45427    | 99.696  |
|                 | 3  | 45955 | 45934 | 45774   | 46258 | 46261 | 45687 | 45918 | 45586 | 46080 | 45462 | 46138 | 46117    | 99.880  |
|                 | 4  | 45162 | 45896 | 46112   | 46629 | 46334 | 45356 | 45327 | 45691 | 46249 | 45646 | 45863 | 45609    | 99.645  |
|                 | 5  | 46060 | 46124 | 46066   | 46288 | 45918 | 45513 | 45757 | 45899 | 45225 | 46219 | 45845 | 45951    | 99.824  |
|                 | 6  | 45782 | 45724 | 45980   | 46220 | 46139 | 45278 | 45612 | 45349 | 45491 | 45798 | 46269 | 45684    | 99.546  |
|                 | 7  | 45932 | 45722 | 45950   | 45247 | 46072 | 46089 | 45782 | 46060 | 45354 | 45736 | 46313 | 46125    | 99.737  |
|                 | 8  | 46052 | 45645 | 46244   | 45789 | 46322 | 46021 | 45502 | 46364 | 46293 | 46309 | 45830 | 45914    | 100.082 |
|                 | 9  | 45783 | 45206 | 46053   | 46013 | 46059 | 45704 | 46379 | 45785 | 46045 | 46171 | 45139 | 45339    | 99.609  |
|                 | 10 | 45921 | 45333 | 45920   | 46427 | 45598 | 46033 | 45578 | 45777 | 46364 | 46178 | 46083 | 45739    | 99.840  |
|                 | 11 | 45980 | 46408 | 46013   | 45643 | 45798 | 45511 | 45925 | 44916 | 46205 | 45855 | 45705 | 45436    | 99.558  |
|                 | 12 | 45922 | 46040 | 45349   | 45491 | 45797 | 45660 | 45707 | 45795 | 45193 | 45817 | 46302 | 45945    | 99.491  |
|                 | 13 | 46063 | 45609 | 46150   | 46263 | 46460 | 45534 | 46109 | 45767 | 45572 | 45730 | 45986 | 45850    | 99.866  |
|                 | 14 | 46027 | 45914 | 45675   | 45859 | 45441 | 45344 | 45659 | 45556 | 45689 | 46059 | 45379 | 46394    | 99.486  |
|                 | 15 | 45687 | 46168 | 45711   | 45871 | 46126 | 45406 | 45749 | 45883 | 45721 | 46218 | 45901 | 45662    | 99.687  |
|                 | 16 | 46038 | 46411 | 45889   | 45363 | 45794 | 45762 | 45196 | 46303 | 45710 | 45473 | 45425 | 45667    | 99.492  |
|                 | 17 | 45376 | 45702 | 46131   | 45724 | 45710 | 45836 | 45600 | 45412 | 45905 | 46211 | 46072 | 45659    | 99.548  |
|                 | 18 | 46064 | 46035 | 45710   | 45206 | 45555 | 45709 | 45403 | 45624 | 45215 | 45805 | 45975 | 45773    | 99.319  |
|                 | 19 | 45979 | 45508 | 45700   | 45825 | 45319 | 44885 | 45585 | 45650 | 46095 | 45540 | 46113 | 45961    | 99.334  |
|                 | 20 | 45544 | 45767 | 45036   | 45469 | 45250 | 45493 | 45509 | 45842 | 45764 | 45490 | 45828 | 45393    | 99.013  |
|                 | 21 | 45404 | 45219 | 46266   | 45166 | 45922 | 45182 | 45400 | 45894 | 45151 | 45815 | 45659 | 45688    | 99.082  |
|                 | 22 | 46168 | 46181 | 46174   | 45731 | 45834 | 45837 | 45268 | 45948 | 45900 | 46168 | 45916 | 45165    | 99.720  |
|                 | 23 | 45669 | 45959 | 45680   | 45983 | 45589 | 45499 | 45577 | 46034 | 45694 | 45897 | 45758 | 45551    | 99.467  |

| INAF/UNIRomaTre |    | S.V.I.R.CO. Observatory - Pressure Corrected Data - December 2012 |       |       |       |       |       |       |       |       |       |       | 20 NM-64 |         |
|-----------------|----|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|---------|
| day             | hh | 00_05   | 05_10 | 10_15 | 15_20 | 20_25 | 25_30 | 30_35 | 35_40 | 40_45 | 45_50 | 50_55 | 55_60    | h-norm  |
| 11              | 0  | 45585   | 45191 | 45771 | 46064 | 46247 | 45324 | 45334 | 45814 | 45986 | 45119 | 45450 | 45131    | 99.139  |
|                 | 1  | 45616   | 45524 | 45423 | 45675 | 45701 | 45829 | 46306 | 46350 | 45697 | 45765 | 46186 | 46085    | 99.696  |
|                 | 2  | 45166   | 45084 | 45316 | 46228 | 45360 | 45878 | 45323 | 45622 | 46386 | 46043 | 45923 | 45514    | 99.277  |
|                 | 3  | 45033   | 45954 | 46131 | 45089 | 45812 | 45792 | 45819 | 45191 | 45363 | 45591 | 45837 | 46069    | 99.247  |
|                 | 4  | 45562   | 45732 | 45865 | 45446 | 46055 | 45795 | 46252 | 46081 | 45914 | 46149 | 45660 | 46202    | 99.797  |
|                 | 5  | 45833   | 46037 | 45674 | 45354 | 45705 | 46324 | 45291 | 46142 | 45686 | 45822 | 45790 | 45311    | 99.481  |
|                 | 6  | 45319   | 45739 | 46100 | 45072 | 44645 | 46173 | 45729 | 46123 | 46158 | 45687 | 45929 | 45394    | 99.318  |
|                 | 7  | 46290   | 46005 | 45896 | 45945 | 45676 | 46292 | 45836 | 45715 | 45922 | 45756 | 45807 | 45941    | 99.864  |
|                 | 8  | 46538   | 46002 | 46213 | 46186 | 46069 | 45924 | 46316 | 45775 | 46054 | 45754 | 45862 | 46380    | 100.225 |
|                 | 9  | 45947   | 45917 | 46070 | 46305 | 45583 | 46247 | 46039 | 46103 | 46974 | 46219 | 46016 | 46029    | 100.293 |
|                 | 10 | 46056   | 46225 | 45379 | 45995 | 45705 | 45979 | 46408 | 46306 | 46757 | 46569 | 45428 | 45712    | 100.125 |
|                 | 11 | 45981   | 45481 | 45733 | 46345 | 45878 | 46024 | 45673 | 45819 | 45698 | 45412 | 46462 | 46044    | 99.767  |
|                 | 12 | 46418   | 45540 | 45399 | 46108 | 46174 | 45932 | 45403 | 45680 | 45398 | 45797 | 46105 | 45779    | 99.619  |
|                 | 13 | 46216   | 45177 | 45881 | 45746 | 45865 | 46170 | 45952 | 45353 | 46007 | 45711 | 45384 | 45826    | 99.539  |
|                 | 14 | 45536   | 46243 | 45939 | 46301 | 45839 | 45606 | 46124 | 45630 | 46279 | 45233 | 46037 | 44953    | 99.618  |
|                 | 15 | 45593   | 45748 | 45852 | 45502 | 45964 | 46038 | 45170 | 46077 | 45909 | 45485 | 45744 | 46035    | 99.508  |
|                 | 16 | 45911   | 45653 | 45975 | 45466 | 45665 | 45657 | 46293 | 45147 | 46143 | 45547 | 46156 | 46125    | 99.620  |
|                 | 17 | 45471   | 45620 | 46243 | 45918 | 45241 | 45963 | 45819 | 45541 | 46255 | 45891 | 45378 | 46515    | 99.641  |
|                 | 18 | 45523   | 45504 | 45716 | 45929 | 45875 | 45719 | 46162 | 45733 | 45505 | 45318 | 45142 | 45516    | 99.241  |
|                 | 19 | 45478   | 46007 | 45737 | 46052 | 45474 | 45671 | 45850 | 45810 | 45575 | 45433 | 46260 | 45991    | 99.548  |
|                 | 20 | 45645   | 45790 | 46406 | 45833 | 45326 | 44830 | 45933 | 45924 | 45431 | 45130 | 45221 | 45462    | 99.112  |
|                 | 21 | 45570   | 45734 | 45401 | 45875 | 45201 | 45959 | 45943 | 45894 | 46255 | 45344 | 45957 | 45866    | 99.486  |
|                 | 22 | 45829   | 45515 | 46286 | 45750 | 45531 | 46041 | 45617 | 46281 | 46177 | 45978 | 45699 | 45470    | 99.699  |
|                 | 23 | 45667   | 45471 | 46417 | 45808 | 45498 | 45762 | 45774 | 46049 | 45441 | 45737 | 45157 | 45567    | 99.369  |
| 12              | 0  | 45957   | 46044 | 45680 | 45357 | 45256 | 45796 | 45204 | 45582 | 46086 | 45387 | 45421 | 45692    | 99.209  |
|                 | 1  | 45261   | 45791 | 45260 | 45860 | 45150 | 45385 | 45431 | 45542 | 45087 | 46059 | 45669 | 45275    | 98.901  |
|                 | 2  | 45246   | 45789 | 46201 | 45448 | 45461 | 44897 | 45229 | 45744 | 45608 | 45282 | 45837 | 45566    | 98.999  |
|                 | 3  | 44894   | 45878 | 45346 | 45523 | 45401 | 45215 | 45871 | 45261 | 45670 | 44824 | 45452 | 45415    | 98.716  |
|                 | 4  | 45878   | 45316 | 45371 | 45596 | 45830 | 45407 | 44927 | 45289 | 45785 | 45441 | 45196 | 45256    | 98.815  |
|                 | 5  | 45351   | 45492 | 46181 | 45611 | 44946 | 45479 | 45833 | 45563 | 46099 | 45601 | 45623 | 45481    | 99.171  |
|                 | 6  | 45412   | 45593 | 45494 | 45618 | 45709 | 46006 | 45999 | 45999 | 45154 | 46123 | 45585 | 45131    | 99.274  |
|                 | 7  | 45451   | 45899 | 45166 | 45787 | 46115 | 45516 | 45738 | 45699 | 46428 | 46047 | 46031 | 45706    | 99.592  |
|                 | 8  | 46141   | 45593 | 45548 | 45661 | 45854 | 45997 | 46000 | 45991 | 45737 | 45509 | 45774 | 46157    | 99.661  |
|                 | 9  | 46173   | 45863 | 45997 | 46486 | 45297 | 45906 | 45579 | 46365 | 45494 | 46286 | 45718 | 45753    | 99.834  |
|                 | 10 | 46332   | 45356 | 45767 | 46217 | 46034 | 45952 | 46351 | 45896 | 45910 | 45321 | 45776 | 45700    | 99.779  |
|                 | 11 | 46077   | 46375 | 45898 | 45708 | 45460 | 46036 | 45885 | 46053 | 46054 | 46227 | 45986 | 45311    | 99.861  |
|                 | 12 | 46232   | 46207 | 45736 | 45996 | 46483 | 45757 | 46037 | 46291 | 46263 | 45818 | 46441 | 45676    | 100.200 |
|                 | 13 | 45532   | 45647 | 46318 | 45983 | 46490 | 46127 | 46410 | 46401 | 46135 | 46123 | 45504 | 46319    | 100.210 |
|                 | 14 | 45533   | 46225 | 46005 | 45575 | 46041 | 45485 | 45382 | 45756 | 45702 | 45853 | 45848 | 45946    | 99.550  |
|                 | 15 | 46018   | 45777 | 45969 | 45564 | 45969 | 45851 | 45595 | 45770 | 45988 | 44978 | 46042 | 45459    | 99.483  |
|                 | 16 | 45799   | 45791 | 46008 | 45528 | 45542 | 45692 | 46241 | 45394 | 45674 | 45818 | 45612 | 45338    | 99.385  |
|                 | 17 | 45489   | 45181 | 45926 | 45727 | 45504 | 45419 | 45664 | 45476 | 45505 | 46194 | 45327 | 45572    | 99.121  |
|                 | 18 | 44987   | 45528 | 45123 | 45930 | 46345 | 45966 | 45255 | 45564 | 45685 | 45883 | 45300 | 45657    | 99.165  |
|                 | 19 | 46145   | 45388 | 45935 | 45321 | 45900 | 45204 | 45807 | 45756 | 45602 | 44555 | 45549 | 45564    | 99.075  |
|                 | 20 | 44766   | 46144 | 45875 | 45690 | 45881 | 45953 | 45945 | 45330 | 45565 | 45852 | 46038 | 46256    | 99.540  |
|                 | 21 | 45641   | 45808 | 45969 | 46099 | 45494 | 45844 | 45880 | 45518 | 45125 | 45791 | 45193 | 45806    | 99.336  |
|                 | 22 | 45495   | 45797 | 45545 | 45604 | 45278 | 45093 | 45556 | 45556 | 45240 | 45271 | 45476 | 45613    | 98.857  |
|                 | 23 | 46316   | 45802 | 46271 | 46203 | 45553 | 45843 | 45962 | 46087 | 46660 | 46119 | 45894 | 45370    | 100.044 |

| INAF/UNIRomaTre |    |       |       | S.V.I.R.CO. Observatory - Pressure Corrected Data – December 2012 |       |       |       |       |       |       |       |       | 20 NM-64 |         |
|-----------------|----|-------|-------|---|-------|-------|-------|-------|-------|-------|-------|-------|----------|---------|
| day             | hh | 00_05 | 05_10 | 10_15   | 15_20 | 20_25 | 25_30 | 30_35 | 35_40 | 40_45 | 45_50 | 50_55 | 55_60    | h-norm  |
| 13              | 0  | 45455 | 45022 | 46271   | 45628 | 46161 | 45541 | 46242 | 45799 | 46126 | 46026 | 46224 | 45259    | 99.625  |
|                 | 1  | 45832 | 45961 | 46357   | 45271 | 45675 | 45094 | 46049 | 46327 | 45693 | 45595 | 45742 | 46454    | 99.677  |
|                 | 2  | 45363 | 46178 | 45855   | 45801 | 45919 | 45817 | 45652 | 45869 | 45077 | 45665 | 45617 | 45522    | 99.366  |
|                 | 3  | 45850 | 45856 | 45859   | 45203 | 46235 | 45690 | 45938 | 45942 | 45708 | 45793 | 45114 | 45497    | 99.430  |
|                 | 4  | 45763 | 45678 | 45143   | 45329 | 45913 | 45470 | 45934 | 45622 | 45376 | 45692 | 45596 | 45656    | 99.155  |
|                 | 5  | 45774 | 45787 | 45253   | 45723 | 45839 | 45352 | 45978 | 45514 | 45748 | 46394 | 45328 | 45771    | 99.389  |
|                 | 6  | 46158 | 45625 | 45266   | 46434 | 45560 | 46360 | 45710 | 45393 | 44919 | 45540 | 45985 | 45753    | 99.433  |
|                 | 7  | 45913 | 46183 | 45390   | 45854 | 45716 | 46763 | 45263 | 45880 | 46274 | 46431 | 45309 | 46671    | 99.966  |
|                 | 8  | 45906 | 46340 | 45502   | 45769 | 46376 | 46086 | 45631 | 46137 | 46422 | 46158 | 46732 | 46385    | 100.292 |
|                 | 9  | 45748 | 45963 | 45674   | 46654 | 46008 | 46419 | 46619 | 46352 | 45739 | 45451 | 45887 | 45967    | 100.117 |
|                 | 10 | 45817 | 46193 | 46052   | 46563 | 45782 | 45670 | 45543 | 46378 | 46362 | 45481 | 45575 | 45785    | 99.885  |
|                 | 11 | 46140 | 45553 | 45666   | 45555 | 46217 | 46311 | 46516 | 46593 | 45624 | 46038 | 46305 | 46413    | 100.199 |
|                 | 12 | 46682 | 45920 | 46661   | 46122 | 45936 | 46181 | 45925 | 46490 | 46591 | 45698 | 46267 | 46249    | 100.524 |
|                 | 13 | 45465 | 46263 | 46001   | 46478 | 46416 | 45881 | 45972 | 46195 | 46617 | 45701 | 45905 | 45515    | 100.105 |
|                 | 14 | 46253 | 46309 | 46494   | 46356 | 46218 | 46268 | 46490 | 46023 | 45959 | 45748 | 45941 | 46670    | 100.524 |
|                 | 15 | 45607 | 46130 | 46007   | 45924 | 46024 | 45412 | 46194 | 46241 | 46263 | 46295 | 45266 | 45675    | 99.856  |
|                 | 16 | 45945 | 45911 | 45926   | 45330 | 46243 | 46447 | 45715 | 45983 | 45349 | 46252 | 45939 | 45249    | 99.720  |
|                 | 17 | 46686 | 46048 | 45501   | 45446 | 45773 | 46077 | 46220 | 45517 | 45820 | 46482 | 45208 | 45506    | 99.719  |
|                 | 18 | 46107 | 45136 | 45727   | 46027 | 45801 | 45468 | 46065 | 46116 | 46653 | 45921 | 45437 | 45499    | 99.660  |
|                 | 19 | 46354 | 45944 | 45791   | 44926 | 46185 | 46158 | 45183 | 46242 | 45873 | 45695 | 46112 | 45290    | 99.623  |
|                 | 20 | 46073 | 45902 | 45866   | 46259 | 45447 | 45240 | 45769 | 45561 | 46322 | 45516 | 45688 | 46253    | 99.649  |
|                 | 21 | 45587 | 45356 | 46009   | 45363 | 46158 | 45581 | 45607 | 45423 | 46264 | 46836 | 45764 | 45505    | 99.569  |
|                 | 22 | 45435 | 46110 | 45838   | 45598 | 45345 | 46054 | 46374 | 45627 | 45628 | 45514 | 45981 | 46108    | 99.598  |
|                 | 23 | 45667 | 46476 | 45258   | 45279 | 45507 | 45470 | 45952 | 45586 | 45357 | 45395 | 46098 | 45380    | 99.201  |
| 14              | 0  | 44884 | 45851 | 46270   | 45571 | 46305 | 45654 | 46158 | 45730 | 45730 | 45896 | 45055 | 45548    | 99.419  |
|                 | 1  | 45510 | 45426 | 46217   | 45686 | 45281 | 45071 | 45017 | 45277 | 46412 | 45998 | 46163 | 45824    | 99.284  |
|                 | 2  | 45125 | 45913 | 45630   | 45560 | 45777 | 45646 | 45884 | 45977 | 45599 | 45323 | 45353 | 46168    | 99.297  |
|                 | 3  | 45205 | 45220 | 45791   | 46108 | 45801 | 45685 | 45578 | 45550 | 45520 | 45992 | 45630 | 45259    | 99.186  |
|                 | 4  | 45473 | 45909 | 45328   | 45478 | 45900 | 45924 | 45980 | 45900 | 46331 | 45340 | 46053 | 45946    | 99.589  |
|                 | 5  | 46299 | 45762 | 46662   | 45802 | 45861 | 45376 | 45495 | 45905 | 45126 | 46009 | 45788 | 45650    | 99.620  |
|                 | 6  | 45421 | 45491 | 45397   | 45379 | 45109 | 45705 | 45921 | 45177 | 45626 | 45471 | 45521 | 45663    | 98.921  |
|                 | 7  | 45962 | 45942 | 45307   | 44857 | 46264 | 45635 | 45164 | 45736 | 45775 | 46064 | 45564 | 45900    | 99.336  |
|                 | 8  | 45767 | 45603 | 45507   | 45310 | 46250 | 46035 | 45871 | 45244 | 45831 | 45746 | 45712 | 45662    | 99.403  |
|                 | 9  | 45619 | 44730 | 45761   | 46037 | 46238 | 45100 | 45510 | 45381 | 45570 | 45862 | 45346 | 45437    | 99.050  |
|                 | 10 | 45767 | 46202 | 45842   | 45716 | 45358 | 45862 | 45212 | 45368 | 46006 | 45090 | 45354 | 45255    | 99.130  |
|                 | 11 | 45397 | 45720 | 45645   | 45787 | 45414 | 45381 | 46084 | 45540 | 45619 | 46126 | 45901 | 45682    | 99.359  |
|                 | 12 | 45585 | 45578 | 45795   | 45436 | 45090 | 45499 | 45207 | 45315 | 45581 | 45761 | 46415 | 45969    | 99.166  |
|                 | 13 | 44907 | 45333 | 45042   | 45612 | 45909 | 44882 | 46375 | 45731 | 45693 | 45408 | 45927 | 45419    | 98.986  |
|                 | 14 | 45081 | 45305 | 45255   | 45324 | 46221 | 45383 | 45242 | 45013 | 45384 | 45359 | 45656 | 45920    | 98.788  |
|                 | 15 | 45794 | 45147 | 45354   | 45558 | 45407 | 45500 | 45567 | 45363 | 45500 | 45235 | 45669 | 45648    | 98.896  |
|                 | 16 | 45393 | 44941 | 45573   | 45653 | 45656 | 46252 | 45516 | 44932 | 45991 | 45836 | 45628 | 45593    | 99.117  |
|                 | 17 | 45192 | 44873 | 45516   | 45196 | 45477 | 45624 | 45247 | 45918 | 45390 | 45767 | 45402 | 45277    | 98.740  |
|                 | 18 | 45534 | 45108 | 45602   | 45809 | 45757 | 45808 | 45115 | 45594 | 45179 | 45427 | 46016 | 45768    | 99.073  |
|                 | 19 | 45226 | 45833 | 45729   | 45951 | 46113 | 45495 | 45448 | 45694 | 45659 | 45585 | 45080 | 45632    | 99.205  |
|                 | 20 | 45226 | 45636 | 46316   | 45237 | 45788 | 45908 | 45767 | 45094 | 45707 | 45442 | 45679 | 46267    | 99.318  |
|                 | 21 | 45249 | 45238 | 45091   | 45379 | 45696 | 45198 | 45666 | 45636 | 45307 | 45286 | 45704 | 45931    | 98.831  |
|                 | 22 | 45370 | 45382 | 45239   | 45504 | 45182 | 45727 | 45610 | 45964 | 45817 | 45458 | 45408 | 45937    | 99.051  |
|                 | 23 | 45178 | 45292 | 45556   | 45707 | 45759 | 45489 | 45226 | 45170 | 45586 | 44913 | 45229 | 45064    | 98.611  |



| INAF/UNIRomaTre |    | S.V.I.R.CO. Observatory - Pressure Corrected Data - December 2012 |       |       |       |       |       |       |       |       |       |       | 20 NM-64 |        |
|-----------------|----|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|--------|
| day             | hh | 00_05   | 05_10 | 10_15 | 15_20 | 20_25 | 25_30 | 30_35 | 35_40 | 40_45 | 45_50 | 50_55 | 55_60    | h-norm |
| 15              | 0  | 44991   | 45472 | 45508 | 45562 | 45246 | 45509 | 45242 | 45294 | 45098 | 44841 | 45483 | 44989    | 98.444 |
|                 | 1  | 45337   | 45148 | 44979 | 44817 | 45284 | 45585 | 45262 | 45586 | 45234 | 45043 | 45602 | 44928    | 98.364 |
|                 | 2  | 45419   | 45633 | 45002 | 45367 | 45193 | 45399 | 44657 | 44881 | 45156 | 45288 | 45612 | 45484    | 98.416 |
|                 | 3  | 45333   | 45565 | 45128 | 45269 | 45094 | 44704 | 45093 | 45830 | 44513 | 45180 | 45387 | 45009    | 98.237 |
|                 | 4  | 45361   | 45081 | 44957 | 44863 | 45538 | 45677 | 45434 | 44980 | 44355 | 45153 | 45762 | 44748    | 98.202 |
|                 | 5  | 45683   | 44895 | 45202 | 45427 | 45359 | 44558 | 45620 | 45695 | 44997 | 45305 | 45464 | 45807    | 98.583 |
|                 | 6  | 45676   | 45490 | 45185 | 45086 | 45803 | 45431 | 46014 | 45451 | 45105 | 45489 | 45135 | 45360    | 98.803 |
|                 | 7  | 45589   | 45317 | 44893 | 45594 | 44596 | 45315 | 45591 | 45640 | 45214 | 45644 | 45457 | 45057    | 98.564 |
|                 | 8  | 44785   | 45739 | 45629 | 46167 | 46098 | 44914 | 44852 | 45655 | 46462 | 45447 | 45702 | 45211    | 99.063 |
|                 | 9  | 46010   | 45037 | 45517 | 45118 | 44856 | 45485 | 45637 | 45169 | 45097 | 45473 | 44956 | 45101    | 98.482 |
|                 | 10 | 45514   | 45190 | 45492 | 45669 | 45154 | 44913 | 45247 | 45361 | 46097 | 45110 | 44562 | 44814    | 98.421 |
|                 | 11 | 45310   | 45538 | 45365 | 44887 | 45197 | 45476 | 45467 | 46438 | 45131 | 45836 | 45483 | 45264    | 98.833 |
|                 | 12 | 45274   | 45668 | 45600 | 45590 | 45363 | 44981 | 45624 | 45555 | 45527 | 45591 | 45192 | 44906    | 98.738 |
|                 | 13 | 45184   | 45386 | 44954 | 45308 | 45535 | 45190 | 45193 | 44960 | 45429 | 45299 | 45196 | 44890    | 98.313 |
|                 | 14 | 45590   | 45568 | 45452 | 45320 | 45499 | 45423 | 45657 | 45444 | 45406 | 45663 | 45300 | 45539    | 98.918 |
|                 | 15 | 45703   | 45203 | 45306 | 45068 | 45178 | 45199 | 45457 | 45579 | 45438 | 45753 | 46003 | 45158    | 98.770 |
|                 | 16 | 45619   | 45132 | 46047 | 45122 | 46188 | 45238 | 45450 | 45210 | 45717 | 45676 | 45169 | 45400    | 98.937 |
|                 | 17 | 45637   | 45956 | 45072 | 45465 | 45687 | 44929 | 46043 | 45173 | 46125 | 45771 | 44813 | 45193    | 98.919 |
|                 | 18 | 45408   | 45821 | 45643 | 44828 | 45306 | 45039 | 44972 | 45188 | 45706 | 45083 | 44875 | 45413    | 98.451 |
|                 | 19 | 45261   | 45356 | 45058 | 45827 | 45234 | 45423 | 45127 | 45540 | 44918 | 45295 | 44945 | 45161    | 98.426 |
|                 | 20 | 44808   | 45482 | 45195 | 44800 | 45536 | 44879 | 46210 | 45320 | 45017 | 44876 | 45413 | 45597    | 98.423 |
|                 | 21 | 45928   | 45406 | 45330 | 45368 | 45238 | 46130 | 45406 | 45921 | 45396 | 45642 | 45672 | 45379    | 99.091 |
|                 | 22 | 45526   | 45452 | 45588 | 45314 | 45902 | 45536 | 45734 | 45621 | 45403 | 45671 | 45581 | 45648    | 99.120 |
|                 | 23 | 45345   | 45533 | 45035 | 45752 | 45350 | 46319 | 45663 | 44862 | 45382 | 45888 | 45487 | 44565    | 98.795 |
| 16              | 0  | 45443   | 46231 | 45215 | 46091 | 45046 | 45801 | 45384 | 45414 | 46476 | 45563 | 45760 | 44976    | 99.195 |
|                 | 1  | 45643   | 45132 | 45867 | 45558 | 45232 | 44865 | 45382 | 45124 | 44989 | 45055 | 44938 | 45209    | 98.398 |
|                 | 2  | 45304   | 45179 | 46158 | 45107 | 45478 | 45041 | 45082 | 45102 | 44676 | 45031 | 45066 | 44633    | 98.192 |
|                 | 3  | 45537   | 44669 | 44804 | 45748 | 45793 | 44582 | 45475 | 45253 | 45137 | 45608 | 45312 | 44666    | 98.324 |
|                 | 4  | 45745   | 45114 | 45683 | 45188 | 45459 | 44896 | 45270 | 44945 | 45139 | 44633 | 44839 | 45391    | 98.273 |
|                 | 5  | 45292   | 44866 | 45452 | 44936 | 45422 | 45061 | 44913 | 44750 | 44560 | 43983 | 45767 | 45380    | 97.925 |
|                 | 6  | 45675   | 45164 | 44915 | 45013 | 44936 | 44831 | 45417 | 45123 | 44831 | 45987 | 45136 | 44827    | 98.192 |
|                 | 7  | 45233   | 45132 | 45210 | 45367 | 45241 | 45060 | 45148 | 45382 | 45514 | 45198 | 45260 | 45469    | 98.438 |
|                 | 8  | 45092   | 45403 | 45220 | 44874 | 45467 | 45867 | 45126 | 45931 | 45221 | 45438 | 45017 | 45273    | 98.568 |
|                 | 9  | 45545   | 45730 | 45916 | 45451 | 45334 | 45849 | 45637 | 45725 | 45317 | 45598 | 45878 | 45767    | 99.260 |
|                 | 10 | 45782   | 44857 | 46357 | 45557 | 45831 | 46002 | 45563 | 45746 | 45148 | 45584 | 45279 | 45302    | 99.125 |
|                 | 11 | 45149   | 45445 | 44986 | 45230 | 46192 | 46202 | 45091 | 45621 | 45568 | 45785 | 45472 | 45180    | 98.929 |
|                 | 12 | 46231   | 46248 | 45667 | 45680 | 45223 | 46378 | 45400 | 45465 | 45498 | 45787 | 45747 | 45926    | 99.531 |
|                 | 13 | 45489   | 45964 | 45898 | 45129 | 46072 | 45943 | 45975 | 46042 | 45852 | 45482 | 45443 | 45731    | 99.490 |
|                 | 14 | 45383   | 45562 | 45481 | 45500 | 45409 | 46067 | 45602 | 46100 | 44979 | 45748 | 45652 | 46066    | 99.224 |
|                 | 15 | 45209   | 45491 | 46076 | 45256 | 45549 | 45774 | 45292 | 45773 | 45555 | 45479 | 45184 | 45486    | 98.965 |
|                 | 16 | 45993   | 45174 | 45782 | 45401 | 46320 | 45577 | 45880 | 46180 | 45090 | 45331 | 45595 | 45244    | 99.227 |
|                 | 17 | 45593   | 45261 | 45082 | 45648 | 45862 | 45344 | 45702 | 45208 | 45199 | 45252 | 44935 | 45987    | 98.775 |
|                 | 18 | 46331   | 45270 | 45545 | 45423 | 45594 | 45696 | 45595 | 45104 | 45626 | 45274 | 45791 | 45248    | 99.033 |
|                 | 19 | 45527   | 46084 | 45741 | 45447 | 44823 | 45678 | 45526 | 45418 | 45621 | 45419 | 45300 | 45768    | 99.007 |
|                 | 20 | 45977   | 45969 | 45176 | 45296 | 45512 | 45254 | 45155 | 44759 | 45515 | 45725 | 45134 | 45006    | 98.667 |
|                 | 21 | 45317   | 45149 | 45577 | 45578 | 45470 | 45303 | 45570 | 45277 | 44945 | 44935 | 45010 | 45577    | 98.527 |
|                 | 22 | 45488   | 45943 | 45254 | 45278 | 45821 | 44890 | 44945 | 45772 | 45685 | 44848 | 45487 | 45437    | 98.735 |
|                 | 23 | 45127   | 45165 | 45478 | 44884 | 44759 | 45549 | 45908 | 45528 | 44940 | 45335 | 45029 | 44937    | 98.334 |

| INAF/UNIRomaTre |    |       |       | S.V.I.R.CO. Observatory - Pressure Corrected Data – December 2012 |       |       |       |       |       |       |       |       | 20 NM-64 |         |
|-----------------|----|-------|-------|---|-------|-------|-------|-------|-------|-------|-------|-------|----------|---------|
| day             | hh | 00_05 | 05_10 | 10_15   | 15_20 | 20_25 | 25_30 | 30_35 | 35_40 | 40_45 | 45_50 | 50_55 | 55_60    | h-norm  |
| 17              | 0  | 45309 | 45648 | 45324   | 45911 | 44975 | 45460 | 45072 | 45351 | 45250 | 45062 | 45470 | 45163    | 98.579  |
|                 | 1  | 44460 | 44832 | 44700   | 45405 | 44737 | 44942 | 45100 | 45052 | 45504 | 45847 | 45119 | 44926    | 97.969  |
|                 | 2  | 45625 | 45401 | 45393   | 45023 | 45898 | 45011 | 45399 | 45300 | 45267 | 45423 | 44623 | 45135    | 98.489  |
|                 | 3  | 45170 | 45198 | 45207   | 45572 | 45525 | 45855 | 45147 | 45030 | 45242 | 45162 | 44915 | 45377    | 98.472  |
|                 | 4  | 44673 | 45210 | 44981   | 45414 | 44997 | 45104 | 45457 | 45479 | 45596 | 45431 | 45714 | 44798    | 98.374  |
|                 | 5  | 45134 | 45020 | 45229   | 44915 | 45019 | 44821 | 45086 | 45025 | 45002 | 45663 | 45024 | 45411    | 98.100  |
|                 | 6  | 44988 | 45559 | 44625   | 45356 | 44974 | 45955 | 44874 | 45281 | 45200 | 45223 | 45356 | 44910    | 98.273  |
|                 | 7  | 45715 | 45271 | 44669   | 45285 | 44793 | 45028 | 45144 | 44867 | 44786 | 45167 | 45155 | 45182    | 98.048  |
|                 | 8  | 45373 | 45775 | 45332   | 45692 | 45193 | 45573 | 45341 | 45841 | 45559 | 45529 | 45749 | 45322    | 98.994  |
|                 | 9  | 45944 | 44984 | 45107   | 45524 | 46374 | 45359 | 45827 | 45317 | 45628 | 45665 | 46087 | 45423    | 99.168  |
|                 | 10 | 45536 | 45741 | 45484   | 45213 | 45768 | 45636 | 45730 | 45661 | 45706 | 45572 | 45400 | 45393    | 99.095  |
|                 | 11 | 45842 | 45931 | 45767   | 45515 | 45302 | 45330 | 45570 | 45701 | 45126 | 46066 | 46071 | 45271    | 99.213  |
|                 | 12 | 46101 | 45535 | 45377   | 45775 | 45688 | 46767 | 45919 | 45741 | 45901 | 45932 | 45900 | 45528    | 99.698  |
|                 | 13 | 45531 | 45296 | 45804   | 45671 | 46307 | 46079 | 46283 | 45660 | 46058 | 45832 | 45965 | 45415    | 99.650  |
|                 | 14 | 45681 | 45699 | 45944   | 45711 | 45995 | 46093 | 45803 | 45775 | 46257 | 45701 | 45887 | 46001    | 99.767  |
|                 | 15 | 46201 | 45831 | 46308   | 46177 | 45858 | 45296 | 45528 | 46011 | 44786 | 45516 | 45644 | 45741    | 99.468  |
|                 | 16 | 45610 | 45684 | 46186   | 45402 | 45799 | 45933 | 45175 | 45764 | 45517 | 45508 | 45395 | 45752    | 99.256  |
|                 | 17 | 46479 | 46089 | 45083   | 45375 | 45684 | 45190 | 45525 | 45983 | 45974 | 45545 | 45951 | 45873    | 99.441  |
|                 | 18 | 46050 | 45815 | 45504   | 45409 | 45618 | 45673 | 45676 | 46028 | 45645 | 45464 | 45905 | 45521    | 99.361  |
|                 | 19 | 45116 | 45417 | 45195   | 45217 | 46045 | 45442 | 45693 | 45249 | 45715 | 45422 | 44986 | 45814    | 98.818  |
|                 | 20 | 44949 | 46028 | 45256   | 45368 | 45151 | 45549 | 45259 | 45061 | 45745 | 45535 | 45428 | 45276    | 98.690  |
|                 | 21 | 45949 | 45568 | 45178   | 45130 | 45427 | 45305 | 46169 | 45071 | 45535 | 45377 | 45724 | 45143    | 98.866  |
|                 | 22 | 45456 | 45076 | 45837   | 45367 | 44783 | 45113 | 45483 | 45091 | 44808 | 45307 | 45109 | 45376    | 98.364  |
|                 | 23 | 45130 | 45383 | 45114   | 45270 | 45539 | 45142 | 44790 | 44754 | 44715 | 45494 | 45295 | 45355    | 98.215  |
| 18              | 0  | 45307 | 45015 | 45154   | 45377 | 44924 | 45110 | 45032 | 45136 | 45121 | 45170 | 45972 | 45154    | 98.307  |
|                 | 1  | 45123 | 46243 | 45213   | 45078 | 45309 | 45723 | 45333 | 45445 | 44834 | 45068 | 46082 | 45189    | 98.696  |
|                 | 2  | 45105 | 45397 | 45482   | 45210 | 45363 | 45373 | 44701 | 45035 | 45191 | 45944 | 45106 | 45264    | 98.431  |
|                 | 3  | 45566 | 45369 | 45356   | 45154 | 45175 | 45228 | 45504 | 45540 | 45437 | 45014 | 45050 | 45523    | 98.565  |
|                 | 4  | 45182 | 45230 | 45935   | 45349 | 45743 | 45501 | 45418 | 44624 | 45507 | 45213 | 45226 | 45704    | 98.695  |
|                 | 5  | 45618 | 45637 | 45307   | 45224 | 44791 | 45470 | 45911 | 45380 | 45419 | 44825 | 45391 | 45599    | 98.685  |
|                 | 6  | 46173 | 45386 | 45869   | 45294 | 45825 | 44772 | 45782 | 45223 | 45322 | 45035 | 45828 | 45959    | 99.028  |
|                 | 7  | 45627 | 46232 | 45691   | 44939 | 46162 | 45755 | 45778 | 45976 | 45624 | 45749 | 45217 | 45579    | 99.365  |
|                 | 8  | 45289 | 45645 | 46048   | 46256 | 45380 | 44959 | 45647 | 44985 | 45758 | 46048 | 45606 | 46262    | 99.284  |
|                 | 9  | 45950 | 45165 | 45375   | 45207 | 45789 | 45695 | 46246 | 45184 | 45543 | 45192 | 45209 | 45914    | 99.028  |
|                 | 10 | 45514 | 45706 | 46208   | 46145 | 45407 | 45784 | 45846 | 46110 | 46149 | 46389 | 46008 | 46188    | 99.931  |
|                 | 11 | 46017 | 46431 | 45784   | 45860 | 45826 | 45980 | 45487 | 45948 | 46553 | 46526 | 46142 | 46169    | 100.161 |
|                 | 12 | 46221 | 45343 | 46280   | 46637 | 45686 | 46264 | 45941 | 45757 | 46051 | 45838 | 45735 | 46021    | 99.989  |
|                 | 13 | 45798 | 45739 | 45745   | 45740 | 45341 | 46333 | 45712 | 45726 | 45679 | 45945 | 45832 | 45805    | 99.558  |
|                 | 14 | 45957 | 45292 | 45588   | 45947 | 45693 | 46391 | 45878 | 45541 | 45688 | 45606 | 46048 | 45408    | 99.493  |
|                 | 15 | 46084 | 45783 | 45424   | 46059 | 46377 | 45417 | 45618 | 45921 | 46008 | 46588 | 46187 | 46174    | 99.965  |
|                 | 16 | 45740 | 45952 | 45894   | 45908 | 45166 | 45248 | 45109 | 45114 | 45622 | 45311 | 45791 | 45638    | 99.033  |
|                 | 17 | 45787 | 45335 | 45924   | 45949 | 45177 | 45117 | 45588 | 45697 | 45753 | 46191 | 45729 | 45309    | 99.225  |
|                 | 18 | 45320 | 45715 | 46047   | 45411 | 45769 | 45756 | 45176 | 45966 | 45816 | 45317 | 45080 | 45582    | 99.116  |
|                 | 19 | 46092 | 45809 | 45465   | 45329 | 45388 | 45240 | 45777 | 45692 | 44860 | 45417 | 45723 | 45558    | 99.007  |
|                 | 20 | 45417 | 45666 | 45130   | 45697 | 45928 | 45538 | 45765 | 45388 | 45225 | 45473 | 45359 | 45487    | 98.956  |
|                 | 21 | 45490 | 45820 | 45573   | 44677 | 45359 | 44871 | 45575 | 45638 | 45367 | 45757 | 45359 | 45211    | 98.707  |
|                 | 22 | 45372 | 45535 | 45429   | 45348 | 45308 | 46014 | 44945 | 45202 | 45331 | 45329 | 45614 | 44869    | 98.635  |
|                 | 23 | 45148 | 45877 | 45562   | 45541 | 45476 | 45049 | 45162 | 45464 | 45292 | 45441 | 45598 | 45319    | 98.749  |

| INAF/UNIRomaTre |    | S.V.I.R.CO. Observatory - Pressure Corrected Data - December 2012 |       |       |       |       |       |       |       |       |       |       | 20 NM-64 |        |
|-----------------|----|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|--------|
| day             | hh | 00_05   | 05_10 | 10_15 | 15_20 | 20_25 | 25_30 | 30_35 | 35_40 | 40_45 | 45_50 | 50_55 | 55_60    | h-norm |
| 19              | 0  | 45064   | 46091 | 44731 | 45673 | 45215 | 45080 | 45045 | 45150 | 45102 | 45150 | 45781 | 45542    | 98.519 |
|                 | 1  | 45242   | 45178 | 45877 | 45431 | 45143 | 45074 | 45391 | 45246 | 45603 | 45565 | 45109 | 45474    | 98.641 |
|                 | 2  | 45162   | 45517 | 46029 | 45199 | 45092 | 45406 | 45715 | 45383 | 45258 | 45246 | 45336 | 45043    | 98.651 |
|                 | 3  | 46073   | 45969 | 45395 | 45668 | 45833 | 45387 | 45387 | 45685 | 45891 | 45284 | 45189 | 45762    | 99.219 |
|                 | 4  | 45091   | 45279 | 45399 | 46377 | 45971 | 45126 | 44941 | 45605 | 44815 | 45196 | 45644 | 45615    | 98.773 |
|                 | 5  | 45923   | 45345 | 45673 | 44929 | 45301 | 45712 | 45317 | 45327 | 45421 | 45410 | 46206 | 45242    | 98.908 |
|                 | 6  | 46079   | 44993 | 45684 | 44966 | 45481 | 46377 | 45624 | 45455 | 45528 | 45510 | 45111 | 45249    | 98.954 |
|                 | 7  | 45275   | 45267 | 45498 | 45375 | 44984 | 45213 | 45985 | 46245 | 45202 | 45343 | 45003 | 45015    | 98.654 |
|                 | 8  | 45266   | 45456 | 45491 | 45016 | 45989 | 45943 | 45206 | 45506 | 45223 | 45515 | 45430 | 45118    | 98.790 |
|                 | 9  | 45790   | 44891 | 45670 | 45554 | 45786 | 45536 | 45297 | 45941 | 45679 | 45338 | 45036 | 45187    | 98.889 |
|                 | 10 | 45176   | 45276 | 45466 | 45579 | 45468 | 45158 | 45558 | 45218 | 45304 | 45527 | 46096 | 45297    | 98.784 |
|                 | 11 | 46259   | 45124 | 45415 | 45866 | 45604 | 45848 | 45438 | 45124 | 46562 | 45942 | 45267 | 45711    | 99.334 |
|                 | 12 | 45513   | 45646 | 45573 | 45440 | 45151 | 45638 | 45093 | 45629 | 45441 | 44657 | 45589 | 46381    | 98.898 |
|                 | 13 | 45430   | 45732 | 45627 | 44946 | 45544 | 45601 | 45162 | 45177 | 45060 | 45835 | 45247 | 45421    | 98.722 |
|                 | 14 | 45568   | 45778 | 45991 | 44765 | 45740 | 44927 | 45268 | 45275 | 44764 | 45738 | 45603 | 44849    | 98.629 |
|                 | 15 | 45086   | 44758 | 45649 | 44552 | 45451 | 45473 | 45647 | 45137 | 45646 | 45649 | 44802 | 45268    | 98.420 |
|                 | 16 | 45153   | 45216 | 45469 | 45722 | 45522 | 45429 | 45196 | 44810 | 45825 | 46214 | 44728 | 44946    | 98.622 |
|                 | 17 | 45719   | 45338 | 45217 | 45405 | 45376 | 45841 | 45088 | 44984 | 45332 | 45090 | 45378 | 45654    | 98.657 |
|                 | 18 | 45387   | 46096 | 45088 | 45690 | 45778 | 45355 | 45710 | 45492 | 45473 | 45013 | 45172 | 45064    | 98.820 |
|                 | 19 | 45492   | 44867 | 45484 | 45006 | 45908 | 45439 | 45861 | 45329 | 45643 | 45958 | 45573 | 45235    | 98.906 |
|                 | 20 | 45461   | 45629 | 45431 | 45853 | 45330 | 44733 | 45193 | 45254 | 45088 | 45539 | 45595 | 45543    | 98.699 |
|                 | 21 | 45096   | 45700 | 45080 | 45126 | 45745 | 45192 | 45484 | 45341 | 45403 | 44914 | 44978 | 45782    | 98.551 |
|                 | 22 | 45169   | 44739 | 45062 | 45448 | 45484 | 45468 | 45813 | 45768 | 45430 | 45545 | 45560 | 44810    | 98.635 |
|                 | 23 | 45254   | 45543 | 44865 | 45623 | 46164 | 45465 | 45539 | 45206 | 45064 | 45315 | 45191 | 45362    | 98.688 |
| 20              | 0  | 45528   | 45377 | 45693 | 44767 | 45341 | 45303 | 45453 | 45669 | 45151 | 45705 | 45632 | 45795    | 98.837 |
|                 | 1  | 45295   | 44822 | 45346 | 45402 | 45592 | 45133 | 45268 | 44975 | 45349 | 45832 | 44927 | 46107    | 98.589 |
|                 | 2  | 45519   | 44792 | 45168 | 45378 | 46010 | 45530 | 45210 | 46207 | 45786 | 45611 | 45328 | 45735    | 98.992 |
|                 | 3  | 45166   | 45463 | 45661 | 45526 | 45711 | 45544 | 45889 | 45438 | 45405 | 46275 | 44475 | 45453    | 98.944 |
|                 | 4  | 45353   | 45391 | 45360 | 45839 | 45620 | 44887 | 45448 | 45384 | 45254 | 45833 | 45532 | 45510    | 98.836 |
|                 | 5  | 46195   | 45701 | 44828 | 44951 | 45713 | 45014 | 45790 | 45746 | 45416 | 45266 | 44989 | 45526    | 98.786 |
|                 | 6  | 44603   | 45328 | 45440 | 44898 | 45986 | 45704 | 45308 | 44973 | 45672 | 45378 | 45864 | 45869    | 98.766 |
|                 | 7  | 45265   | 45189 | 45263 | 45481 | 44946 | 45281 | 44968 | 45758 | 45880 | 45499 | 45292 | 45231    | 98.590 |
|                 | 8  | 45202   | 45725 | 45019 | 45160 | 44932 | 45628 | 45315 | 44984 | 45329 | 45744 | 45222 | 45802    | 98.592 |
|                 | 9  | 45109   | 45146 | 45105 | 44909 | 45700 | 45626 | 45269 | 44960 | 45364 | 45373 | 45387 | 45290    | 98.442 |
|                 | 10 | 45402   | 45640 | 45684 | 45388 | 45305 | 44734 | 45915 | 45454 | 45614 | 45830 | 45543 | 45175    | 98.886 |
|                 | 11 | 44924   | 45273 | 45176 | 45482 | 45360 | 45677 | 45355 | 45504 | 45632 | 44924 | 44781 | 45368    | 98.482 |
|                 | 12 | 45723   | 45339 | 45363 | 44535 | 45832 | 45257 | 45433 | 45778 | 45537 | 45472 | 44844 | 46001    | 98.782 |
|                 | 13 | 45330   | 45439 | 45584 | 45385 | 45396 | 45443 | 45161 | 45742 | 45454 | 44561 | 45222 | 45138    | 98.554 |
|                 | 14 | 45277   | 45195 | 45952 | 45518 | 45623 | 45690 | 45681 | 45023 | 45470 | 45079 | 45325 | 46003    | 98.914 |
|                 | 15 | 45187   | 45391 | 45227 | 45564 | 45506 | 45916 | 45910 | 45947 | 45805 | 45355 | 45874 | 45156    | 99.095 |
|                 | 16 | 45437   | 45484 | 45139 | 44949 | 45571 | 44995 | 45088 | 45582 | 45499 | 45486 | 45811 | 46013    | 98.772 |
|                 | 17 | 45157   | 45750 | 45537 | 45078 | 45884 | 46081 | 45363 | 45714 | 45194 | 45753 | 45284 | 45153    | 98.934 |
|                 | 18 | 45285   | 46218 | 45267 | 45490 | 45651 | 45329 | 45081 | 45282 | 45037 | 45625 | 45194 | 45213    | 98.702 |
|                 | 19 | 45335   | 44981 | 45793 | 45135 | 45935 | 45516 | 45076 | 45736 | 45955 | 46029 | 45517 | 45908    | 99.109 |
|                 | 20 | 44835   | 45163 | 45573 | 45242 | 45428 | 44877 | 45212 | 45570 | 45145 | 45702 | 45084 | 45596    | 98.477 |
|                 | 21 | 45519   | 44994 | 46047 | 45062 | 45527 | 45086 | 45378 | 44845 | 45619 | 45809 | 46184 | 45317    | 98.833 |
|                 | 22 | 45519   | 45442 | 45613 | 45479 | 44939 | 45671 | 45127 | 45587 | 45350 | 45540 | 45023 | 45568    | 98.736 |
|                 | 23 | 45640   | 45027 | 45057 | 45021 | 45416 | 45405 | 45346 | 45785 | 45793 | 45706 | 45547 | 45321    | 98.775 |

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|-----------------|----|-------|-------|---|-------|-------|-------|-------|-------|-------|-------|-------|----------|--------|
| day             | hh | 00_05 | 05_10 | 10_15   | 15_20 | 20_25 | 25_30 | 30_35 | 35_40 | 40_45 | 45_50 | 50_55 | 55_60    | h-norm |
| 21              | 0  | 45633 | 45956 | 44662   | 45604 | 45329 | 45417 | 45409 | 45540 | 45130 | 44824 | 45888 | 45146    | 98.673 |
|                 | 1  | 45137 | 45642 | 45113   | 45541 | 45556 | 45492 | 44836 | 45121 | 45426 | 45436 | 44658 | 44961    | 98.384 |
|                 | 2  | 45285 | 45561 | 45988   | 45287 | 45976 | 45287 | 45232 | 44954 | 45456 | 45121 | 45253 | 45212    | 98.692 |
|                 | 3  | 44787 | 45813 | 45523   | 45506 | 45278 | 44664 | 45537 | 45236 | 46013 | 45596 | 45626 | 45166    | 98.716 |
|                 | 4  | 45259 | 45460 | 45334   | 45439 | 45221 | 45696 | 45309 | 45643 | 45374 | 45253 | 44943 | 45484    | 98.656 |
|                 | 5  | 45165 | 45015 | 45324   | 44888 | 45648 | 44980 | 44771 | 45204 | 45529 | 45634 | 45708 | 45421    | 98.452 |
|                 | 6  | 45167 | 45210 | 45786   | 44725 | 45789 | 45221 | 44528 | 45650 | 45282 | 46081 | 45192 | 46300    | 98.749 |
|                 | 7  | 44853 | 45134 | 45540   | 45110 | 45798 | 45468 | 45616 | 45420 | 45168 | 45492 | 44956 | 45157    | 98.528 |
|                 | 8  | 45902 | 45361 | 45319   | 45086 | 44702 | 45587 | 45510 | 45563 | 45825 | 45420 | 45608 | 46097    | 98.939 |
|                 | 9  | 45287 | 45449 | 45930   | 45543 | 45485 | 45528 | 44908 | 45446 | 45284 | 45442 | 45066 | 45444    | 98.728 |
|                 | 10 | 45584 | 45358 | 45737   | 45744 | 45625 | 45347 | 45469 | 45436 | 45655 | 45010 | 45702 | 45381    | 98.952 |
|                 | 11 | 45703 | 45365 | 45291   | 45334 | 45086 | 45456 | 45164 | 45156 | 45410 | 45271 | 45378 | 45329    | 98.570 |
|                 | 12 | 45366 | 45596 | 45397   | 44869 | 44916 | 44961 | 45572 | 45349 | 45106 | 45650 | 44976 | 45672    | 98.477 |
|                 | 13 | 46108 | 45577 | 45126   | 45250 | 45589 | 45437 | 45678 | 45423 | 45267 | 45200 | 45397 | 45780    | 98.913 |
|                 | 14 | 45977 | 45420 | 45582   | 45003 | 45803 | 45210 | 45415 | 45817 | 45130 | 45496 | 45267 | 45624    | 98.897 |
|                 | 15 | 45696 | 45682 | 45790   | 45628 | 45620 | 45142 | 45057 | 45965 | 45785 | 45330 | 45612 | 44748    | 98.953 |
|                 | 16 | 45033 | 45599 | 45470   | 45107 | 44461 | 45166 | 45511 | 44892 | 45273 | 45827 | 45676 | 45274    | 98.452 |
|                 | 17 | 45733 | 45132 | 45026   | 45021 | 45630 | 45119 | 44760 | 45081 | 45111 | 44998 | 45204 | 45733    | 98.318 |
|                 | 18 | 44560 | 45318 | 45182   | 45868 | 45759 | 45652 | 45792 | 45258 | 45334 | 45048 | 45242 | 45942    | 98.753 |
|                 | 19 | 45508 | 45190 | 45600   | 45275 | 44741 | 45703 | 44886 | 45573 | 44848 | 44892 | 45211 | 45534    | 98.392 |
|                 | 20 | 45362 | 45018 | 45346   | 44868 | 45226 | 45587 | 45489 | 45436 | 45418 | 46095 | 45817 | 45877    | 98.859 |
|                 | 21 | 44402 | 45119 | 45231   | 45758 | 45106 | 45275 | 45455 | 44724 | 45395 | 45601 | 45905 | 45758    | 98.531 |
|                 | 22 | 45428 | 45740 | 45672   | 45385 | 46042 | 45549 | 45748 | 45234 | 45651 | 45976 | 45773 | 44796    | 99.123 |
|                 | 23 | 45785 | 45670 | 45442   | 45452 | 45602 | 45867 | 44795 | 45399 | 46189 | 45053 | 46355 | 45043    | 99.061 |
| 22              | 0  | 45793 | 46104 | 45243   | 45253 | 45349 | 45267 | 45920 | 46027 | 45696 | 44902 | 45650 | 45334    | 99.042 |
|                 | 1  | 45216 | 45585 | 45460   | 45498 | 46027 | 45414 | 45949 | 45488 | 45328 | 46066 | 45621 | 46272    | 99.291 |
|                 | 2  | 45254 | 45212 | 45672   | 45809 | 45443 | 45120 | 45822 | 45528 | 45412 | 45722 | 46122 | 46095    | 99.162 |
|                 | 3  | 45308 | 45732 | 46192   | 46058 | 45693 | 46168 | 45394 | 45423 | 45507 | 45702 | 45286 | 45569    | 99.311 |
|                 | 4  | 45743 | 45318 | 46443   | 45402 | 45962 | 45798 | 45684 | 45865 | 45382 | 46004 | 45429 | 45926    | 99.479 |
|                 | 5  | 45964 | 45452 | 45811   | 44973 | 45649 | 45710 | 44739 | 45974 | 45550 | 45975 | 45417 | 46378    | 99.231 |
|                 | 6  | 45552 | 45116 | 45459   | 45628 | 45511 | 45101 | 45929 | 45671 | 45681 | 45540 | 45980 | 45743    | 99.107 |
|                 | 7  | 45645 | 45548 | 45166   | 46246 | 45383 | 45870 | 45667 | 46031 | 45570 | 45861 | 46401 | 45554    | 99.476 |
|                 | 8  | 45527 | 45663 | 45398   | 46353 | 45572 | 45595 | 46056 | 45786 | 45739 | 46509 | 45918 | 45787    | 99.650 |
|                 | 9  | 45413 | 45960 | 45779   | 44956 | 45593 | 45756 | 45097 | 45190 | 45684 | 45700 | 45687 | 45764    | 99.048 |
|                 | 10 | 45532 | 45812 | 45661   | 45361 | 46290 | 46253 | 45182 | 45662 | 45288 | 45464 | 45283 | 45466    | 99.170 |
|                 | 11 | 45532 | 45347 | 46036   | 45828 | 44950 | 45440 | 45318 | 45579 | 45287 | 45734 | 45477 | 45702    | 98.985 |
|                 | 12 | 45874 | 45727 | 45497   | 45625 | 45563 | 45269 | 45745 | 45582 | 45791 | 45814 | 45353 | 44892    | 99.076 |
|                 | 13 | 45709 | 45898 | 45460   | 45582 | 45514 | 45658 | 45714 | 44946 | 44982 | 45876 | 45376 | 45169    | 98.922 |
|                 | 14 | 45445 | 45267 | 45583   | 45591 | 45265 | 45318 | 45012 | 45527 | 44952 | 45264 | 45689 | 44807    | 98.530 |
|                 | 15 | 45510 | 45549 | 45670   | 45950 | 46185 | 45018 | 45376 | 45700 | 45627 | 45228 | 45599 | 45446    | 99.099 |
|                 | 16 | 45124 | 45431 | 45678   | 45317 | 45188 | 45651 | 44997 | 45403 | 45018 | 45502 | 45071 | 45581    | 98.574 |
|                 | 17 | 45287 | 46431 | 45217   | 45551 | 45866 | 45694 | 45990 | 45448 | 45010 | 45428 | 45618 | 45342    | 99.103 |
|                 | 18 | 45095 | 45179 | 44600   | 45358 | 45414 | 45780 | 45981 | 45107 | 44831 | 45937 | 45595 | 45284    | 98.610 |
|                 | 19 | 45393 | 44764 | 45189   | 45394 | 45070 | 45618 | 44816 | 45549 | 45387 | 45900 | 45369 | 45479    | 98.567 |
|                 | 20 | 44733 | 44985 | 45664   | 45008 | 45155 | 45356 | 45856 | 45134 | 45884 | 44941 | 45260 | 45416    | 98.470 |
|                 | 21 | 45642 | 44488 | 45656   | 45762 | 45522 | 45297 | 45698 | 45575 | 45499 | 45129 | 45357 | 45447    | 98.775 |
|                 | 22 | 44998 | 45456 | 45518   | 45462 | 45400 | 45098 | 44826 | 45625 | 45481 | 45793 | 45436 | 44970    | 98.592 |
|                 | 23 | 45162 | 45395 | 45018   | 45550 | 46041 | 45544 | 45664 | 45673 | 45814 | 46024 | 45336 | 45723    | 99.114 |

| INAF/UNIRomaTre |    | S.V.I.R.CO. Observatory - Pressure Corrected Data - December 2012 |       |       |       |       |       |       |       |       |       |       | 20 NM-64 |        |
|-----------------|----|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|--------|
| day             | hh | 00_05   | 05_10 | 10_15 | 15_20 | 20_25 | 25_30 | 30_35 | 35_40 | 40_45 | 45_50 | 50_55 | 55_60    | h-norm |
| 23              | 0  | 45550   | 45835 | 45166 | 45904 | 45345 | 45107 | 45182 | 45225 | 45724 | 45660 | 45617 | 45151    | 98.844 |
|                 | 1  | 45903   | 44958 | 45699 | 45951 | 45207 | 45226 | 45664 | 45389 | 45723 | 45817 | 45116 | 45661    | 99.000 |
|                 | 2  | 45407   | 46022 | 45980 | 45845 | 45278 | 45689 | 46214 | 45448 | 45293 | 45813 | 45224 | 45928    | 99.331 |
|                 | 3  | 45733   | 45336 | 45821 | 46118 | 45218 | 45218 | 45256 | 46168 | 45133 | 45345 | 45580 | 45532    | 99.026 |
|                 | 4  | 45148   | 45256 | 45219 | 44902 | 45783 | 45986 | 46197 | 45051 | 45146 | 45598 | 45260 | 44924    | 98.665 |
|                 | 5  | 45632   | 45534 | 46103 | 45201 | 45592 | 45743 | 45225 | 45866 | 45745 | 45378 | 45961 | 45288    | 99.173 |
|                 | 6  | 45251   | 45104 | 45727 | 45466 | 45568 | 45820 | 45692 | 45466 | 44729 | 45818 | 45575 | 45750    | 98.936 |
|                 | 7  | 45593   | 44679 | 45256 | 46016 | 45042 | 45705 | 45172 | 46053 | 45407 | 45441 | 45141 | 45379    | 98.741 |
|                 | 8  | 45551   | 45552 | 45464 | 45422 | 45324 | 46076 | 45564 | 45253 | 45389 | 44990 | 45959 | 45743    | 98.995 |
|                 | 9  | 45279   | 45137 | 45418 | 45819 | 44987 | 45767 | 45630 | 46024 | 45693 | 45785 | 45647 | 45974    | 99.153 |
|                 | 10 | 45370   | 45498 | 45183 | 45153 | 45919 | 45586 | 45547 | 45245 | 45968 | 45514 | 45224 | 45234    | 98.842 |
|                 | 11 | 45515   | 45903 | 45410 | 45509 | 45555 | 45239 | 45733 | 46110 | 45222 | 45465 | 45123 | 45943    | 99.075 |
|                 | 12 | 45595   | 45461 | 45276 | 45489 | 45428 | 45492 | 45507 | 45776 | 45380 | 45060 | 45154 | 45446    | 98.773 |
|                 | 13 | 45744   | 45961 | 45369 | 44991 | 45876 | 46342 | 46104 | 45530 | 45487 | 45443 | 45382 | 45259    | 99.212 |
|                 | 14 | 45544   | 45582 | 45425 | 45321 | 45656 | 45581 | 45406 | 45998 | 45196 | 45458 | 45468 | 44962    | 98.870 |
|                 | 15 | 45517   | 45100 | 45778 | 45451 | 45272 | 45873 | 45478 | 46116 | 46216 | 45568 | 45237 | 45504    | 99.144 |
|                 | 16 | 45586   | 45265 | 45448 | 45922 | 45554 | 45792 | 45672 | 45583 | 44635 | 45252 | 45651 | 45121    | 98.849 |
|                 | 17 | 45285   | 45815 | 45771 | 45229 | 45856 | 45408 | 45384 | 45373 | 45406 | 45078 | 45270 | 45657    | 98.859 |
|                 | 18 | 45446   | 44952 | 45341 | 45286 | 45144 | 45346 | 45161 | 45459 | 46306 | 45343 | 45515 | 45814    | 98.781 |
|                 | 19 | 45655   | 45612 | 45232 | 45632 | 45299 | 45366 | 44952 | 44837 | 45536 | 45356 | 45179 | 45698    | 98.645 |
|                 | 20 | 45130   | 45877 | 45203 | 45416 | 45127 | 45541 | 45698 | 45198 | 45626 | 45106 | 45255 | 44986    | 98.610 |
|                 | 21 | 45086   | 45940 | 45230 | 44840 | 45791 | 45966 | 44874 | 45099 | 45626 | 45602 | 44671 | 45371    | 98.598 |
|                 | 22 | 45279   | 45352 | 44800 | 45068 | 45884 | 45723 | 45325 | 45758 | 45500 | 45296 | 45450 | 45211    | 98.697 |
|                 | 23 | 45733   | 45646 | 45183 | 46107 | 45572 | 45845 | 45558 | 45035 | 45680 | 45856 | 45859 | 45996    | 99.318 |
| 24              | 0  | 44988   | 45621 | 45136 | 45222 | 45574 | 45664 | 45271 | 45477 | 45208 | 45833 | 45908 | 45472    | 98.827 |
|                 | 1  | 45887   | 45933 | 45963 | 46011 | 45480 | 45554 | 46023 | 46203 | 45917 | 45611 | 45712 | 45221    | 99.580 |
|                 | 2  | 45568   | 45413 | 45175 | 44990 | 45669 | 46001 | 45508 | 45852 | 45457 | 45357 | 46043 | 46283    | 99.182 |
|                 | 3  | 45345   | 45536 | 45648 | 46195 | 45816 | 45748 | 45268 | 45187 | 45143 | 45379 | 45582 | 45677    | 99.038 |
|                 | 4  | 45780   | 46167 | 45777 | 45941 | 45659 | 46066 | 45673 | 45709 | 45334 | 45220 | 46151 | 45669    | 99.513 |
|                 | 5  | 44907   | 46057 | 45340 | 45295 | 45754 | 45090 | 45606 | 45383 | 45363 | 45719 | 45535 | 45313    | 98.827 |
|                 | 6  | 45609   | 46006 | 45245 | 46263 | 45533 | 45801 | 44898 | 45653 | 46354 | 45069 | 45593 | 45305    | 99.184 |
|                 | 7  | 46044   | 45838 | 45485 | 45782 | 45955 | 45833 | 46110 | 45808 | 45599 | 45668 | 45300 | 45581    | 99.488 |
|                 | 8  | 46587   | 44872 | 45383 | 45875 | 45756 | 45708 | 46004 | 45995 | 45261 | 45272 | 45659 | 45696    | 99.318 |
|                 | 9  | 46031   | 45546 | 45282 | 45282 | 45578 | 45748 | 45441 | 46245 | 45043 | 45557 | 45404 | 45625    | 99.085 |
|                 | 10 | 45860   | 45999 | 46304 | 45299 | 45628 | 45432 | 45354 | 45389 | 45029 | 46149 | 45533 | 45741    | 99.254 |
|                 | 11 | 45121   | 45346 | 45269 | 45413 | 44929 | 45650 | 45230 | 46038 | 45483 | 45712 | 45773 | 46098    | 98.955 |
|                 | 12 | 46139   | 46104 | 44981 | 46360 | 45374 | 46044 | 46196 | 45956 | 45480 | 45773 | 46090 | 45682    | 99.700 |
|                 | 13 | 45866   | 45546 | 45568 | 45285 | 45513 | 44882 | 45288 | 45154 | 45254 | 45569 | 46255 | 45505    | 98.886 |
|                 | 14 | 45770   | 46040 | 45622 | 44899 | 46431 | 45357 | 45801 | 45652 | 45732 | 45749 | 45893 | 45872    | 99.454 |
|                 | 15 | 45226   | 46189 | 45159 | 46126 | 45045 | 45271 | 45559 | 46224 | 46238 | 45982 | 46322 | 45665    | 99.488 |
|                 | 16 | 45834   | 45540 | 46281 | 45835 | 45171 | 45181 | 45951 | 45424 | 45765 | 45505 | 45469 | 46090    | 99.314 |
|                 | 17 | 45969   | 45666 | 45750 | 45428 | 45982 | 45837 | 45969 | 45919 | 45546 | 45668 | 45304 | 45730    | 99.444 |
|                 | 18 | 45499   | 45706 | 45837 | 45268 | 45309 | 45580 | 45650 | 45052 | 45195 | 45510 | 45840 | 45763    | 98.981 |
|                 | 19 | 45108   | 45421 | 44895 | 44964 | 45078 | 45661 | 44830 | 45812 | 45437 | 45160 | 45215 | 45720    | 98.454 |
|                 | 20 | 45797   | 45197 | 45412 | 44885 | 45305 | 45042 | 45664 | 45538 | 45499 | 45858 | 45681 | 46175    | 98.953 |
|                 | 21 | 45651   | 45700 | 45532 | 45395 | 45263 | 45530 | 45994 | 45750 | 45732 | 45567 | 45353 | 46221    | 99.249 |
|                 | 22 | 45499   | 45753 | 46189 | 46058 | 45798 | 45167 | 44987 | 45769 | 45619 | 45294 | 46034 | 46286    | 99.387 |
|                 | 23 | 45215   | 45579 | 45810 | 45508 | 45641 | 45549 | 45443 | 45891 | 45418 | 45042 | 45661 | 45330    | 98.959 |

| INAF/UNIRomaTre |    |       |       | S.V.I.R.CO. Observatory - Pressure Corrected Data – December 2012 |       |       |       |       |       |       |       |       | 20 NM-64 |        |
|-----------------|----|-------|-------|---|-------|-------|-------|-------|-------|-------|-------|-------|----------|--------|
| day             | hh | 00_05 | 05_10 | 10_15   | 15_20 | 20_25 | 25_30 | 30_35 | 35_40 | 40_45 | 45_50 | 50_55 | 55_60    | h-norm |
| 25              | 0  | 44857 | 45818 | 45348   | 45748 | 45209 | 45532 | 45652 | 45703 | 45345 | 45154 | 45303 | 45622    | 98.811 |
|                 | 1  | 45260 | 45255 | 45222   | 45408 | 45894 | 46042 | 45684 | 45239 | 45392 | 45603 | 45447 | 45159    | 98.872 |
|                 | 2  | 45935 | 45487 | 45790   | 46230 | 45375 | 45919 | 45005 | 46045 | 45983 | 46168 | 45927 | 45172    | 99.493 |
|                 | 3  | 44919 | 45612 | 45766   | 46055 | 46242 | 45827 | 45999 | 45529 | 45229 | 46069 | 45503 | 45629    | 99.374 |
|                 | 4  | 45917 | 45538 | 45707   | 45111 | 45897 | 45202 | 45804 | 46192 | 45883 | 45133 | 45894 | 44725    | 99.125 |
|                 | 5  | 45329 | 45615 | 44761   | 45860 | 45726 | 45490 | 45179 | 45873 | 45564 | 45709 | 45527 | 45808    | 99.023 |
|                 | 6  | 45588 | 46030 | 46096   | 46067 | 45042 | 45870 | 45979 | 46069 | 46203 | 45511 | 45402 | 45530    | 99.557 |
|                 | 7  | 45376 | 44964 | 46235   | 45662 | 45895 | 45940 | 45814 | 45670 | 45805 | 46236 | 45621 | 44992    | 99.343 |
|                 | 8  | 45473 | 46016 | 45929   | 45752 | 45715 | 46485 | 45556 | 46102 | 45498 | 45835 | 46067 | 45508    | 99.656 |
|                 | 9  | 45498 | 45946 | 45930   | 45749 | 45785 | 45712 | 45804 | 45671 | 45301 | 45260 | 45976 | 46270    | 99.469 |
|                 | 10 | 45526 | 45719 | 45423   | 45396 | 45253 | 45752 | 45867 | 45431 | 46053 | 45921 | 46215 | 46269    | 99.456 |
|                 | 11 | 45964 | 46223 | 45325   | 45548 | 45815 | 45579 | 45302 | 46085 | 45751 | 45612 | 45460 | 46098    | 99.443 |
|                 | 12 | 45720 | 44813 | 45883   | 46055 | 46151 | 45725 | 46056 | 45994 | 46041 | 45809 | 45732 | 45625    | 99.597 |
|                 | 13 | 45540 | 46217 | 45926   | 45611 | 45838 | 46128 | 45259 | 46178 | 46366 | 45511 | 46314 | 45488    | 99.736 |
|                 | 14 | 45910 | 46467 | 46252   | 46305 | 45358 | 45619 | 45307 | 45936 | 45727 | 45351 | 45828 | 46075    | 99.692 |
|                 | 15 | 45452 | 46241 | 45298   | 45477 | 46177 | 45393 | 46039 | 45070 | 45396 | 45868 | 45218 | 45438    | 99.136 |
|                 | 16 | 45628 | 46066 | 45591   | 46155 | 45278 | 46125 | 45346 | 46313 | 45978 | 46438 | 45794 | 46057    | 99.807 |
|                 | 17 | 45754 | 45784 | 45478   | 46526 | 45584 | 45478 | 45482 | 45594 | 45628 | 45399 | 45758 | 45220    | 99.248 |
|                 | 18 | 45786 | 45503 | 45983   | 45996 | 45482 | 45696 | 46511 | 46126 | 45859 | 45210 | 45495 | 46147    | 99.631 |
|                 | 19 | 46174 | 45139 | 45198   | 44853 | 45903 | 45757 | 46014 | 45591 | 45845 | 45240 | 45248 | 45826    | 99.086 |
|                 | 20 | 45784 | 45386 | 45184   | 45716 | 46035 | 45862 | 45836 | 45812 | 44997 | 46327 | 45610 | 45565    | 99.326 |
|                 | 21 | 45594 | 45696 | 46103   | 45756 | 45524 | 45629 | 45876 | 45305 | 45927 | 45734 | 45891 | 45365    | 99.378 |
|                 | 22 | 45026 | 45777 | 44936   | 45607 | 45402 | 46322 | 45373 | 45065 | 45415 | 45302 | 45480 | 45240    | 98.752 |
|                 | 23 | 44989 | 45922 | 45103   | 44855 | 45432 | 45628 | 44955 | 46197 | 45342 | 45261 | 45334 | 45694    | 98.709 |
| 26              | 0  | 45391 | 45468 | 45238   | 45266 | 45852 | 45403 | 45969 | 45474 | 45499 | 45861 | 45334 | 45056    | 98.903 |
|                 | 1  | 45443 | 45027 | 45230   | 45728 | 45596 | 45848 | 45863 | 44733 | 45035 | 45647 | 45129 | 46171    | 98.844 |
|                 | 2  | 45341 | 45479 | 45211   | 45592 | 45662 | 45904 | 45267 | 45731 | 45564 | 45444 | 46020 | 45343    | 99.044 |
|                 | 3  | 45206 | 45557 | 45045   | 45590 | 45150 | 45596 | 45380 | 45764 | 46237 | 45920 | 45307 | 45663    | 99.019 |
|                 | 4  | 45999 | 45926 | 45196   | 45709 | 45920 | 45312 | 46247 | 45333 | 45914 | 45105 | 45170 | 45342    | 99.155 |
|                 | 5  | 45554 | 45029 | 45882   | 45198 | 45576 | 45589 | 45487 | 45068 | 45864 | 45670 | 45420 | 45691    | 98.948 |
|                 | 6  | 45345 | 45608 | 46066   | 46479 | 45309 | 45342 | 46135 | 45605 | 46021 | 46128 | 46301 | 45658    | 99.667 |
|                 | 7  | 45732 | 45369 | 45665   | 45946 | 45910 | 46264 | 45679 | 46373 | 45964 | 45773 | 45498 | 46261    | 99.746 |
|                 | 8  | 45478 | 46022 | 45843   | 45876 | 45799 | 46128 | 45390 | 45394 | 45992 | 46032 | 46549 | 45470    | 99.663 |
|                 | 9  | 46140 | 46306 | 45849   | 46169 | 45609 | 45501 | 45891 | 46138 | 45513 | 45964 | 46180 | 46340    | 99.958 |
|                 | 10 | 45361 | 45663 | 45714   | 45341 | 46531 | 46189 | 45891 | 45507 | 46578 | 45621 | 45930 | 45650    | 99.663 |
|                 | 11 | 45445 | 45734 | 46153   | 45566 | 45578 | 45671 | 45627 | 45836 | 45837 | 46068 | 45313 | 46310    | 99.512 |
|                 | 12 | 45993 | 45934 | 45546   | 45574 | 45893 | 45886 | 45910 | 46322 | 45764 | 45641 | 45829 | 45651    | 99.657 |
|                 | 13 | 45209 | 45516 | 45867   | 45910 | 45532 | 45820 | 45619 | 45834 | 45344 | 46161 | 45590 | 46240    | 99.422 |
|                 | 14 | 46029 | 46083 | 45990   | 45930 | 45945 | 45463 | 45350 | 45578 | 45288 | 45854 | 46083 | 45944    | 99.583 |
|                 | 15 | 45793 | 45943 | 45615   | 45053 | 45848 | 45536 | 45821 | 45177 | 45916 | 46348 | 45933 | 46240    | 99.527 |
|                 | 16 | 45627 | 45940 | 45172   | 45930 | 46222 | 46146 | 45494 | 45728 | 45324 | 45218 | 45453 | 46526    | 99.447 |
|                 | 17 | 45348 | 45736 | 45581   | 45245 | 45770 | 45720 | 45990 | 45505 | 45457 | 45387 | 45235 | 45411    | 99.014 |
|                 | 18 | 46133 | 45769 | 44781   | 45720 | 46047 | 46070 | 45653 | 45425 | 45675 | 45977 | 46240 | 45415    | 99.470 |
|                 | 19 | 45942 | 45516 | 45648   | 45152 | 46244 | 46127 | 45761 | 45503 | 45867 | 45432 | 45493 | 45500    | 99.339 |
|                 | 20 | 45511 | 45504 | 45428   | 45493 | 45421 | 46291 | 45483 | 45355 | 45515 | 45347 | 45757 | 45720    | 99.093 |
|                 | 21 | 45590 | 45491 | 45429   | 45154 | 45476 | 46037 | 45735 | 45561 | 45877 | 45620 | 45339 | 45463    | 99.083 |
|                 | 22 | 45695 | 45847 | 45464   | 45584 | 45166 | 44979 | 45319 | 45454 | 45001 | 45429 | 45434 | 45180    | 98.682 |
|                 | 23 | 45143 | 45486 | 45400   | 45403 | 45889 | 45397 | 46278 | 46418 | 45584 | 45598 | 45092 | 44926    | 99.055 |

| INAF/UNIRomaTre |    | S.V.I.R.CO. Observatory - Pressure Corrected Data - December 2012 |       |       |       |       |       |       |       |       |       |       | 20 NM-64 |         |
|-----------------|----|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|---------|
| day             | hh | 00_05   | 05_10 | 10_15 | 15_20 | 20_25 | 25_30 | 30_35 | 35_40 | 40_45 | 45_50 | 50_55 | 55_60    | h-norm  |
| 27              | 0  | 45696   | 45441 | 45448 | 45336 | 45927 | 45523 | 45743 | 45359 | 46588 | 45258 | 45388 | 45546    | 99.172  |
|                 | 1  | 45379   | 45488 | 45262 | 45303 | 45115 | 45027 | 46139 | 45579 | 45662 | 45650 | 45466 | 44999    | 98.774  |
|                 | 2  | 46071   | 45848 | 46111 | 45149 | 45554 | 46033 | 45978 | 45592 | 45898 | 45983 | 45720 | 46221    | 99.696  |
|                 | 3  | 45850   | 46534 | 45715 | 45660 | 45773 | 45808 | 45426 | 45942 | 45877 | 46184 | 45056 | 45249    | 99.500  |
|                 | 4  | 45608   | 45935 | 46102 | 45610 | 46189 | 45637 | 45965 | 45975 | 45976 | 45501 | 45195 | 45599    | 99.539  |
|                 | 5  | 45758   | 45667 | 45429 | 45879 | 45477 | 45892 | 46077 | 45365 | 46299 | 45225 | 45770 | 45550    | 99.376  |
|                 | 6  | 45657   | 46509 | 45661 | 46048 | 46485 | 45856 | 46512 | 45587 | 45923 | 45537 | 46243 | 45793    | 99.996  |
|                 | 7  | 45795   | 45407 | 45393 | 45574 | 45584 | 45637 | 45779 | 46103 | 45872 | 45984 | 45904 | 45189    | 99.345  |
|                 | 8  | 45236   | 45525 | 45784 | 45775 | 45756 | 45497 | 46218 | 45226 | 45590 | 45490 | 45645 | 45541    | 99.176  |
|                 | 9  | 45164   | 45786 | 45414 | 45597 | 45119 | 45399 | 45671 | 45753 | 46011 | 45872 | 45317 | 45714    | 99.091  |
|                 | 10 | 46030   | 45972 | 46328 | 46211 | 45643 | 45714 | 45631 | 45778 | 45737 | 45180 | 45411 | 45913    | 99.586  |
|                 | 11 | 45951   | 45456 | 45807 | 45883 | 45273 | 46084 | 45487 | 45542 | 46121 | 45621 | 45784 | 45366    | 99.373  |
|                 | 12 | 46380   | 45821 | 45542 | 46011 | 45559 | 45626 | 46187 | 45903 | 45699 | 45931 | 45900 | 45556    | 99.689  |
|                 | 13 | 46151   | 45596 | 45688 | 45914 | 45684 | 46161 | 45655 | 46077 | 46115 | 45710 | 45531 | 46566    | 99.821  |
|                 | 14 | 45304   | 45821 | 45766 | 46017 | 46551 | 46116 | 46007 | 46356 | 46091 | 45773 | 45949 | 45558    | 99.905  |
|                 | 15 | 45782   | 45961 | 45807 | 46327 | 45863 | 46037 | 46177 | 45668 | 45542 | 46081 | 45695 | 45599    | 99.765  |
|                 | 16 | 46074   | 45781 | 45938 | 45678 | 45688 | 45798 | 45722 | 45760 | 45856 | 45813 | 46074 | 45752    | 99.656  |
|                 | 17 | 46362   | 46230 | 45733 | 45889 | 45471 | 45555 | 44885 | 46379 | 46055 | 45654 | 45888 | 46163    | 99.716  |
|                 | 18 | 46406   | 45280 | 45742 | 45530 | 45390 | 45734 | 45840 | 46369 | 46432 | 45255 | 45674 | 46608    | 99.715  |
|                 | 19 | 45540   | 45914 | 46180 | 45428 | 45408 | 45741 | 45362 | 46385 | 46173 | 45132 | 45884 | 45789    | 99.475  |
|                 | 20 | 45670   | 45548 | 45750 | 45406 | 45294 | 45014 | 45390 | 45994 | 45265 | 45298 | 45304 | 46116    | 98.952  |
|                 | 21 | 45958   | 45790 | 45640 | 45584 | 45693 | 45998 | 45871 | 45766 | 45662 | 46065 | 45290 | 45054    | 99.372  |
|                 | 22 | 45665   | 46348 | 45851 | 45234 | 46255 | 45974 | 45806 | 45439 | 45456 | 45952 | 46218 | 45831    | 99.673  |
|                 | 23 | 45991   | 45410 | 45943 | 45491 | 46091 | 45833 | 45940 | 46054 | 46204 | 45287 | 45756 | 46283    | 99.720  |
| 28              | 0  | 45717   | 45287 | 45838 | 45206 | 45458 | 45519 | 45574 | 45162 | 45596 | 45305 | 45502 | 45634    | 98.902  |
|                 | 1  | 44897   | 45603 | 45859 | 45682 | 46323 | 45357 | 45987 | 45350 | 45499 | 45180 | 45606 | 45943    | 99.176  |
|                 | 2  | 45648   | 45836 | 45035 | 45641 | 46130 | 45663 | 45241 | 45602 | 45399 | 45828 | 45606 | 45667    | 99.178  |
|                 | 3  | 45177   | 45356 | 45501 | 45151 | 45266 | 45642 | 45606 | 46303 | 45938 | 45595 | 45112 | 45097    | 98.897  |
|                 | 4  | 45426   | 45091 | 46002 | 45356 | 45863 | 45582 | 45666 | 45181 | 45633 | 46350 | 45583 | 45722    | 99.206  |
|                 | 5  | 46212   | 45890 | 45742 | 45591 | 46157 | 45404 | 45551 | 46455 | 45720 | 45573 | 45751 | 46315    | 99.733  |
|                 | 6  | 46112   | 45414 | 45624 | 46067 | 45597 | 45274 | 45425 | 45939 | 45539 | 45548 | 45205 | 46572    | 99.362  |
|                 | 7  | 45377   | 45968 | 45476 | 45204 | 45744 | 46019 | 45381 | 45953 | 45670 | 46339 | 45768 | 46077    | 99.482  |
|                 | 8  | 45366   | 46003 | 45720 | 45422 | 45958 | 46179 | 45706 | 46206 | 46314 | 45624 | 45704 | 45458    | 99.607  |
|                 | 9  | 45373   | 46136 | 45560 | 45839 | 45607 | 46634 | 45661 | 45976 | 46041 | 45652 | 45846 | 45929    | 99.714  |
|                 | 10 | 46148   | 45652 | 45803 | 45874 | 46036 | 46117 | 45709 | 46357 | 45688 | 46056 | 46039 | 45856    | 99.910  |
|                 | 11 | 45609   | 46458 | 46196 | 46693 | 46312 | 46289 | 45939 | 46049 | 46110 | 45330 | 45946 | 46043    | 100.207 |
|                 | 12 | 45695   | 45730 | 46178 | 45802 | 46176 | 45617 | 45734 | 46263 | 45616 | 45685 | 45527 | 45747    | 99.626  |
|                 | 13 | 46263   | 45730 | 45694 | 45605 | 45765 | 46207 | 46369 | 46044 | 45929 | 46132 | 45595 | 46326    | 99.968  |
|                 | 14 | 45610   | 46006 | 45814 | 45951 | 45804 | 45595 | 46111 | 45877 | 46121 | 45704 | 46037 | 46260    | 99.829  |
|                 | 15 | 45893   | 45911 | 45975 | 46393 | 45420 | 45581 | 45945 | 45788 | 46330 | 45913 | 45981 | 46459    | 99.956  |
|                 | 16 | 45876   | 46096 | 45866 | 45950 | 45734 | 46447 | 45631 | 46026 | 46084 | 45283 | 45567 | 46493    | 99.859  |
|                 | 17 | 45757   | 45823 | 45469 | 46735 | 46186 | 45848 | 45739 | 45882 | 46395 | 45826 | 45590 | 45578    | 99.819  |
|                 | 18 | 46067   | 45724 | 45392 | 45434 | 44780 | 45727 | 46063 | 45866 | 44755 | 45319 | 46567 | 45552    | 99.169  |
|                 | 19 | 46298   | 46222 | 45685 | 45780 | 45297 | 45489 | 45673 | 45489 | 45567 | 46084 | 46597 | 45774    | 99.660  |
|                 | 20 | 45382   | 45597 | 45809 | 45803 | 45743 | 45735 | 46128 | 46311 | 45149 | 45661 | 46004 | 45711    | 99.492  |
|                 | 21 | 45674   | 45892 | 45505 | 45754 | 46277 | 45775 | 46041 | 46629 | 45915 | 45387 | 45845 | 45714    | 99.741  |
|                 | 22 | 45793   | 45251 | 45459 | 46732 | 45796 | 46342 | 45639 | 46261 | 45679 | 45832 | 46681 | 45956    | 99.925  |
|                 | 23 | 46511   | 45487 | 46591 | 45586 | 46363 | 45739 | 46726 | 45739 | 45843 | 45710 | 45993 | 45477    | 99.987  |



| INAF/UNIRomaTre |    |       |       | S.V.I.R.CO. Observatory - Pressure Corrected Data – December 2012 |       |       |       |       |       |       |       |       |       | 20 NM-64 |  |
|-----------------|----|-------|-------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|--|
| day             | hh | 00_05 | 05_10 | 10_15   | 15_20 | 20_25 | 25_30 | 30_35 | 35_40 | 40_45 | 45_50 | 50_55 | 55_60 | h-norm   |  |
| 29              | 0  | 45879 | 46618 | 45806   | 45588 | 45735 | 45867 | 45590 | 46266 | 45823 | 45798 | 45716 | 45260 | 99.654   |  |
|                 | 1  | 46402 | 46227 | 46166   | 45480 | 45572 | 45710 | 46009 | 46058 | 46251 | 46009 | 45904 | 45813 | 99.958   |  |
|                 | 2  | 46272 | 45634 | 45795   | 45700 | 45530 | 46032 | 45742 | 46120 | 45428 | 46293 | 46271 | 45518 | 99.728   |  |
|                 | 3  | 46443 | 46386 | 46227   | 46578 | 46236 | 46016 | 46145 | 46094 | 46007 | 45608 | 46007 | 46051 | 100.356  |  |
|                 | 4  | 45933 | 45930 | 45979   | 46270 | 46025 | 46466 | 45889 | 46304 | 45911 | 46145 | 45882 | 46148 | 100.190  |  |
|                 | 5  | 45632 | 45572 | 46046   | 46537 | 46041 | 45715 | 45169 | 45649 | 45875 | 45515 | 45483 | 46156 | 99.557   |  |
|                 | 6  | 46224 | 46294 | 46502   | 46363 | 45920 | 45531 | 45868 | 45749 | 46606 | 45866 | 46544 | 46240 | 100.340  |  |
|                 | 7  | 46063 | 46096 | 46244   | 45944 | 46009 | 46164 | 45864 | 45981 | 45985 | 46772 | 46235 | 46099 | 100.294  |  |
|                 | 8  | 45586 | 46408 | 46033   | 45510 | 46066 | 45400 | 46059 | 46169 | 46443 | 46103 | 45965 | 45879 | 99.962   |  |
|                 | 9  | 46653 | 45829 | 46828   | 46280 | 46116 | 46104 | 45944 | 46039 | 45799 | 46841 | 46526 | 45699 | 100.512  |  |
|                 | 10 | 45843 | 45988 | 46693   | 45690 | 46145 | 45508 | 46747 | 46333 | 46154 | 46034 | 46426 | 46401 | 100.386  |  |
|                 | 11 | 45870 | 46734 | 46960   | 46331 | 46124 | 46682 | 46041 | 45548 | 46066 | 46348 | 45950 | 46049 | 100.520  |  |
|                 | 12 | 46249 | 45974 | 46564   | 46331 | 46287 | 46157 | 45667 | 46150 | 46475 | 45818 | 46033 | 46172 | 100.370  |  |
|                 | 13 | 46364 | 46263 | 46576   | 45536 | 46091 | 45447 | 46448 | 46014 | 46440 | 46226 | 46895 | 46323 | 100.505  |  |
|                 | 14 | 45758 | 45802 | 46390   | 46130 | 46137 | 45525 | 45801 | 46259 | 45644 | 46311 | 45581 | 46223 | 99.951   |  |
|                 | 15 | 45603 | 46376 | 46350   | 46143 | 46307 | 46062 | 45527 | 45841 | 46556 | 46167 | 46218 | 45479 | 100.144  |  |
|                 | 16 | 46250 | 46143 | 45858   | 46205 | 46307 | 45634 | 45662 | 46186 | 46469 | 46071 | 46078 | 46471 | 100.272  |  |
|                 | 17 | 46247 | 45806 | 46603   | 46367 | 46294 | 45801 | 47236 | 45304 | 45862 | 46422 | 46178 | 46186 | 100.448  |  |
|                 | 18 | 46280 | 45700 | 46154   | 45660 | 45755 | 45540 | 46122 | 45400 | 46020 | 46237 | 45741 | 45666 | 99.718   |  |
|                 | 19 | 46214 | 45710 | 46091   | 45607 | 46329 | 45701 | 46144 | 45755 | 46117 | 45751 | 45681 | 46099 | 99.885   |  |
|                 | 20 | 45395 | 46300 | 45684   | 45885 | 46317 | 46055 | 45184 | 45688 | 45998 | 45907 | 46036 | 45320 | 99.626   |  |
|                 | 21 | 45472 | 46532 | 45600   | 45514 | 45563 | 46007 | 46191 | 45732 | 46044 | 46571 | 46338 | 46229 | 99.992   |  |
|                 | 22 | 45722 | 46698 | 46136   | 46015 | 46264 | 46174 | 46210 | 45513 | 45913 | 46298 | 46119 | 45405 | 100.115  |  |
|                 | 23 | 46000 | 45898 | 45853   | 46138 | 46627 | 45884 | 45948 | 45558 | 46046 | 45730 | 45371 | 45507 | 99.769   |  |
| 30              | 0  | 46310 | 45763 | 45529   | 45819 | 45795 | 45934 | 45781 | 45154 | 45966 | 45735 | 45424 | 45393 | 99.417   |  |
|                 | 1  | 45821 | 45723 | 45302   | 46062 | 45459 | 45808 | 45428 | 46017 | 45503 | 46187 | 46397 | 45586 | 99.540   |  |
|                 | 2  | 46066 | 45537 | 45721   | 45427 | 46353 | 45529 | 46449 | 46188 | 45002 | 46115 | 45678 | 46217 | 99.719   |  |
|                 | 3  | 45843 | 45600 | 45997   | 46186 | 45144 | 45942 | 45188 | 46383 | 45834 | 46217 | 45923 | 46205 | 99.752   |  |
|                 | 4  | 45273 | 45709 | 46140   | 46158 | 46067 | 46263 | 45936 | 45663 | 45946 | 46278 | 46349 | 45816 | 99.957   |  |
|                 | 5  | 46020 | 45865 | 45898   | 45946 | 45838 | 46212 | 46133 | 45741 | 46327 | 45593 | 45934 | 46276 | 99.991   |  |
|                 | 6  | 45958 | 46105 | 45496   | 45835 | 45708 | 46652 | 46555 | 45969 | 45645 | 46424 | 45912 | 46132 | 100.101  |  |
|                 | 7  | 46279 | 45947 | 46353   | 45360 | 45632 | 46024 | 46226 | 46496 | 46315 | 46611 | 45769 | 45924 | 100.200  |  |
|                 | 8  | 46411 | 45898 | 46142   | 45682 | 46751 | 45920 | 46121 | 46362 | 45646 | 46034 | 46207 | 46088 | 100.259  |  |
|                 | 9  | 45673 | 45630 | 45827   | 46403 | 46009 | 46235 | 46179 | 46078 | 45875 | 45432 | 46096 | 45738 | 99.881   |  |
|                 | 10 | 46939 | 46470 | 46002   | 45959 | 46510 | 46065 | 45629 | 45495 | 46043 | 46227 | 46094 | 45968 | 100.284  |  |
|                 | 11 | 45348 | 45832 | 46540   | 46134 | 45808 | 45256 | 46219 | 46222 | 46152 | 46367 | 45780 | 46063 | 99.980   |  |
|                 | 12 | 46125 | 46005 | 46144   | 45568 | 46123 | 45892 | 45900 | 45908 | 46570 | 45804 | 46771 | 45675 | 100.119  |  |
|                 | 13 | 45736 | 46442 | 45621   | 45863 | 46408 | 46356 | 45263 | 45512 | 46116 | 46469 | 46141 | 46400 | 100.090  |  |
|                 | 14 | 46158 | 46415 | 45632   | 45738 | 45854 | 45861 | 45253 | 46191 | 46007 | 45845 | 46299 | 45615 | 99.825   |  |
|                 | 15 | 45581 | 46350 | 45818   | 45552 | 45886 | 45238 | 46618 | 45682 | 46318 | 45634 | 45681 | 45633 | 99.666   |  |
|                 | 16 | 46122 | 46049 | 46161   | 45463 | 46226 | 45957 | 45499 | 46093 | 45928 | 45782 | 45809 | 45613 | 99.795   |  |
|                 | 17 | 45923 | 46278 | 46069   | 45482 | 45844 | 45620 | 45954 | 45549 | 45821 | 46228 | 45899 | 45727 | 99.739   |  |
|                 | 18 | 45525 | 45479 | 45344   | 45815 | 45771 | 45245 | 46079 | 46099 | 45217 | 45533 | 45244 | 45946 | 99.178   |  |
|                 | 19 | 46142 | 45939 | 45691   | 46321 | 45666 | 45221 | 45673 | 45474 | 45859 | 45375 | 46188 | 45423 | 99.482   |  |
|                 | 20 | 45704 | 45370 | 45927   | 45755 | 45205 | 46051 | 45376 | 45792 | 45615 | 45591 | 45587 | 45960 | 99.293   |  |
|                 | 21 | 45507 | 45700 | 45528   | 45665 | 45867 | 46041 | 45482 | 45189 | 46173 | 46192 | 45682 | 45166 | 99.340   |  |
|                 | 22 | 45031 | 46175 | 45847   | 45781 | 45473 | 45819 | 45746 | 45739 | 45395 | 46181 | 45501 | 46162 | 99.460   |  |
|                 | 23 | 45537 | 45772 | 45375   | 46224 | 45527 | 45435 | 46081 | 45874 | 45650 | 45522 | 45937 | 45308 | 99.349   |  |

| INAF/UNIRomaTre |    | S.V.I.R.CO. Observatory - Pressure Corrected Data - December 2012 |       |       |       |       |       |       |       |       |       |       | 20 NM-64 |         |
|-----------------|----|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|---------|
| day             | hh | 00_05   | 05_10 | 10_15 | 15_20 | 20_25 | 25_30 | 30_35 | 35_40 | 40_45 | 45_50 | 50_55 | 55_60    | h-norm  |
| 31              | 0  | 45261   | 45884 | 45752 | 45451 | 45928 | 45824 | 46186 | 45289 | 45541 | 45724 | 45606 | 45651    | 99.323  |
|                 | 1  | 45614   | 45758 | 46216 | 45729 | 45996 | 46338 | 44907 | 46036 | 45487 | 45690 | 46030 | 45743    | 99.585  |
|                 | 2  | 46158   | 45965 | 45809 | 46265 | 45752 | 45639 | 45808 | 46191 | 46127 | 45978 | 45077 | 45537    | 99.723  |
|                 | 3  | 45640   | 45670 | 45163 | 46092 | 45831 | 46214 | 46231 | 45581 | 45806 | 46082 | 45853 | 46408    | 99.771  |
|                 | 4  | 45713   | 46406 | 46179 | 46593 | 45651 | 45569 | 46486 | 45255 | 45694 | 46004 | 45572 | 45659    | 99.809  |
|                 | 5  | 45665   | 45867 | 45518 | 46179 | 46336 | 46134 | 46214 | 46069 | 45788 | 45710 | 46279 | 46291    | 100.039 |
|                 | 6  | 45711   | 45765 | 46111 | 45596 | 45690 | 46826 | 46285 | 46255 | 46090 | 46354 | 45769 | 46146    | 100.138 |
|                 | 7  | 46001   | 45893 | 46119 | 45883 | 46165 | 45755 | 45902 | 46447 | 45575 | 45942 | 45996 | 46078    | 99.986  |
|                 | 8  | 46322   | 46050 | 46220 | 46212 | 46427 | 46147 | 45974 | 45863 | 46025 | 46405 | 45881 | 45629    | 100.240 |
|                 | 9  | 45763   | 45758 | 46122 | 45862 | 46303 | 45855 | 46425 | 46597 | 46118 | 45928 | 46166 | 46646    | 100.310 |
|                 | 10 | 46178   | 45373 | 45758 | 45858 | 46394 | 46024 | 46495 | 45616 | 46291 | 45911 | 45684 | 45410    | 99.848  |
|                 | 11 | 45685   | 46197 | 46070 | 46195 | 45773 | 46020 | 47029 | 46374 | 45837 | 45482 | 46068 | 46047    | 100.171 |
|                 | 12 | 46068   | 45967 | 46261 | 46280 | 45770 | 46345 | 45970 | 45320 | 46131 | 46402 | 46377 | 45935    | 100.180 |
|                 | 13 | 45990   | 45932 | 45752 | 45782 | 46292 | 46632 | 46013 | 45683 | 46076 | 46335 | 46076 | 45929    | 100.120 |
|                 | 14 | 46119   | 45551 | 46120 | 45593 | 46018 | 46685 | 45666 | 46051 | 45553 | 46710 | 46077 | 45030    | 99.881  |
|                 | 15 | 45900   | 45868 | 45873 | 46154 | 46319 | 46016 | 46187 | 46407 | 46035 | 46056 | 45806 | 46587    | 100.249 |
|                 | 16 | 46047   | 46643 | 45734 | 45808 | 45598 | 46205 | 46195 | 45569 | 45701 | 45805 | 45895 | 46111    | 99.906  |
|                 | 17 | 46157   | 46116 | 45969 | 45657 | 45851 | 46502 | 45399 | 46094 | 46062 | 45209 | 45908 | 46067    | 99.847  |
|                 | 18 | 45496   | 45963 | 45891 | 45774 | 46769 | 45850 | 45308 | 46022 | 45917 | 45473 | 45822 | 45797    | 99.683  |
|                 | 19 | 45557   | 45344 | 45058 | 45940 | 45914 | 45937 | 45927 | 45572 | 45644 | 45380 | 45554 | 46268    | 99.323  |
|                 | 20 | 46168   | 45396 | 45832 | 45489 | 45838 | 46143 | 45677 | 46084 | 46049 | 45788 | 45673 | 45332    | 99.572  |
|                 | 21 | 45848   | 46412 | 45727 | 45660 | 45247 | 46727 | 46504 | 45545 | 45901 | 46024 | 45681 | 45886    | 99.878  |
|                 | 22 | 45572   | 45501 | 46206 | 46068 | 45667 | 45693 | 46091 | 45505 | 46509 | 45806 | 45626 | 46481    | 99.800  |
|                 | 23 | 45885   | 46408 | 45582 | 46158 | 45764 | 45389 | 45834 | 46102 | 45916 | 45533 | 45552 | 45362    | 99.574  |

S.V.I.R.CO. Observatory - Pressure in hectoPascal – December 2012

| day | hh | 00_05   | 05_10   | 10_15   | 15_20   | 20_25   | 25_30   | 30_35   | 35_40   | 40_45   | 45_50   | 50_55   | 55_60   | average |
|-----|----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1   | 0  | 1004.52 | 1004.49 | 1004.45 | 1004.57 | 1004.77 | 1004.92 | 1004.95 | 1004.89 | 1004.80 | 1004.67 | 1004.70 | 1004.83 | 1004.72 |
|     | 1  | 1004.82 | 1004.92 | 1004.99 | 1004.96 | 1005.10 | 1005.20 | 1005.33 | 1005.47 | 1005.51 | 1005.68 | 1005.74 | 1005.77 | 1005.29 |
|     | 2  | 1005.94 | 1006.05 | 1006.06 | 1005.99 | 1005.91 | 1005.81 | 1005.71 | 1005.70 | 1005.73 | 1005.72 | 1005.63 | 1005.59 | 1005.82 |
|     | 3  | 1005.60 | 1005.61 | 1005.68 | 1005.74 | 1005.77 | 1005.81 | 1005.81 | 1005.80 | 1005.81 | 1005.77 | 1005.73 | 1005.65 | 1005.73 |
|     | 4  | 1005.55 | 1005.53 | 1005.52 | 1005.44 | 1005.36 | 1005.35 | 1005.35 | 1005.34 | 1005.40 | 1005.49 | 1005.51 | 1005.49 | 1005.44 |
|     | 5  | 1005.44 | 1005.43 | 1005.44 | 1005.40 | 1005.35 | 1005.32 | 1005.33 | 1005.37 | 1005.38 | 1005.35 | 1005.34 | 1005.34 | 1005.37 |
|     | 6  | 1005.35 | 1005.41 | 1005.43 | 1005.41 | 1005.45 | 1005.53 | 1005.60 | 1005.59 | 1005.59 | 1005.64 | 1005.70 | 1005.75 | 1005.53 |
|     | 7  | 1005.80 | 1005.82 | 1005.84 | 1005.85 | 1005.86 | 1005.91 | 1005.96 | 1005.99 | 1006.07 | 1006.17 | 1006.25 | 1006.33 | 1005.98 |
|     | 8  | 1006.39 | 1006.46 | 1006.54 | 1006.55 | 1006.57 | 1006.64 | 1006.72 | 1006.78 | 1006.83 | 1006.87 | 1006.94 | 1007.06 | 1006.69 |
|     | 9  | 1007.19 | 1007.30 | 1007.42 | 1007.47 | 1007.46 | 1007.43 | 1007.46 | 1007.68 | 1007.92 | 1008.00 | 1007.94 | 1007.74 | 1007.58 |
|     | 10 | 1007.52 | 1007.31 | 1007.17 | 1007.21 | 1007.28 | 1007.25 | 1007.10 | 1007.03 | 1007.05 | 1007.08 | 1007.04 | 1007.01 | 1007.17 |
|     | 11 | 1007.09 | 1007.17 | 1007.20 | 1007.21 | 1007.23 | 1007.22 | 1007.05 | 1007.03 | 1007.13 | 1006.97 | 1006.85 | 1006.90 | 1007.08 |
|     | 12 | 1006.99 | 1007.01 | 1006.96 | 1006.95 | 1006.94 | 1006.98 | 1007.05 | 1007.07 | 1007.07 | 1007.10 | 1007.13 | 1007.13 | 1007.03 |
|     | 13 | 1007.11 | 1007.08 | 1007.04 | 1006.99 | 1006.97 | 1007.00 | 1007.03 | 1007.04 | 1007.05 | 1007.08 | 1007.07 | 1007.02 | 1007.04 |
|     | 14 | 1007.03 | 1007.05 | 1007.01 | 1006.98 | 1006.99 | 1007.01 | 1007.03 | 1007.05 | 1007.07 | 1007.13 | 1007.16 | 1007.17 | 1007.05 |
|     | 15 | 1007.20 | 1007.23 | 1007.23 | 1007.23 | 1007.26 | 1007.27 | 1007.31 | 1007.32 | 1007.28 | 1007.24 | 1007.23 | 1007.28 | 1007.25 |
|     | 16 | 1007.33 | 1007.33 | 1007.30 | 1007.33 | 1007.39 | 1007.45 | 1007.56 | 1007.65 | 1007.65 | 1007.63 | 1007.69 | 1007.80 | 1007.51 |
|     | 17 | 1007.84 | 1007.80 | 1007.75 | 1007.74 | 1007.74 | 1007.75 | 1007.73 | 1007.72 | 1007.73 | 1007.78 | 1007.82 | 1007.80 | 1007.77 |
|     | 18 | 1007.82 | 1007.86 | 1007.87 | 1007.89 | 1007.88 | 1007.87 | 1007.89 | 1007.90 | 1007.93 | 1007.93 | 1007.95 | 1007.97 | 1007.90 |
|     | 19 | 1007.93 | 1007.92 | 1007.94 | 1007.92 | 1007.87 | 1007.84 | 1007.85 | 1007.88 | 1007.91 | 1007.91 | 1007.87 | 1007.82 | 1007.89 |
|     | 20 | 1007.90 | 1007.96 | 1007.95 | 1007.92 | 1007.85 | 1007.81 | 1007.81 | 1007.91 | 1007.96 | 1007.91 | 1007.90 | 1008.06 | 1007.91 |
|     | 21 | 1008.22 | 1008.28 | 1008.30 | 1008.32 | 1008.28 | 1008.20 | 1008.20 | 1008.17 | 1008.10 | 1008.05 | 1008.06 | 1008.08 | 1008.19 |
|     | 22 | 1008.12 | 1008.20 | 1008.22 | 1008.16 | 1008.18 | 1008.39 | 1008.47 | 1008.45 | 1008.50 | 1008.63 | 1008.77 | 1008.82 | 1008.41 |
|     | 23 | 1008.84 | 1008.82 | 1008.74 | 1008.64 | 1008.61 | 1008.57 | 1008.47 | 1008.39 | 1008.36 | 1008.33 | 1008.28 | 1008.26 | 1008.52 |
| 2   | 0  | 1008.21 | 1008.23 | 1008.28 | 1008.31 | 1008.29 | 1008.28 | 1008.28 | 1008.25 | 1008.21 | 1008.27 | 1008.29 | 1008.24 | 1008.26 |
|     | 1  | 1008.27 | 1008.26 | 1008.20 | 1008.23 | 1008.32 | 1008.37 | 1008.32 | 1008.30 | 1008.24 | 1008.13 | 1008.10 | 1008.02 | 1008.23 |
|     | 2  | 1007.89 | 1007.73 | 1007.58 | 1007.51 | 1007.47 | 1007.41 | 1007.41 | 1007.48 | 1007.49 | 1007.46 | 1007.46 | 1007.44 | 1007.53 |
|     | 3  | 1007.42 | 1007.45 | 1007.48 | 1007.47 | 1007.42 | 1007.39 | 1007.36 | 1007.29 | 1007.23 | 1007.18 | 1007.11 | 1006.96 | 1007.31 |
|     | 4  | 1006.81 | 1006.78 | 1006.80 | 1006.80 | 1006.82 | 1006.88 | 1006.92 | 1006.95 | 1006.95 | 1006.93 | 1006.94 | 1006.92 | 1006.87 |
|     | 5  | 1006.84 | 1006.80 | 1006.82 | 1006.77 | 1006.69 | 1006.65 | 1006.63 | 1006.63 | 1006.67 | 1006.69 | 1006.68 | 1006.67 | 1006.71 |
|     | 6  | 1006.65 | 1006.58 | 1006.58 | 1006.65 | 1006.69 | 1006.71 | 1006.75 | 1006.83 | 1006.92 | 1006.98 | 1007.00 | 1006.98 | 1006.77 |
|     | 7  | 1006.97 | 1006.99 | 1007.01 | 1007.05 | 1007.07 | 1007.07 | 1007.04 | 1007.04 | 1007.12 | 1007.23 | 1007.28 | 1007.25 | 1007.09 |
|     | 8  | 1007.26 | 1007.26 | 1007.26 | 1007.27 | 1007.26 | 1007.23 | 1007.24 | 1007.23 | 1007.19 | 1007.17 | 1007.16 | 1007.12 | 1007.22 |
|     | 9  | 1007.07 | 1007.03 | 1007.00 | 1006.99 | 1007.01 | 1007.04 | 1007.04 | 1007.03 | 1007.00 | 1006.95 | 1006.90 | 1006.85 | 1006.99 |
|     | 10 | 1006.82 | 1006.77 | 1006.73 | 1006.71 | 1006.66 | 1006.61 | 1006.59 | 1006.59 | 1006.58 | 1006.52 | 1006.46 | 1006.44 | 1006.62 |
|     | 11 | 1006.42 | 1006.40 | 1006.32 | 1006.26 | 1006.22 | 1006.19 | 1006.16 | 1006.13 | 1006.12 | 1006.09 | 1006.01 | 1005.94 | 1006.19 |
|     | 12 | 1005.89 | 1005.84 | 1005.79 | 1005.74 | 1005.68 | 1005.60 | 1005.54 | 1005.52 | 1005.48 | 1005.46 | 1005.44 | 1005.42 | 1005.61 |
|     | 13 | 1005.41 | 1005.39 | 1005.39 | 1005.39 | 1005.37 | 1005.33 | 1005.30 | 1005.28 | 1005.26 | 1005.20 | 1005.15 | 1005.13 | 1005.30 |
|     | 14 | 1005.15 | 1005.16 | 1005.17 | 1005.16 | 1005.11 | 1005.07 | 1005.06 | 1005.06 | 1005.05 | 1005.07 | 1005.09 | 1005.09 | 1005.10 |
|     | 15 | 1005.06 | 1005.03 | 1005.06 | 1005.11 | 1005.15 | 1005.18 | 1005.18 | 1005.20 | 1005.23 | 1005.23 | 1005.22 | 1005.21 | 1005.15 |
|     | 16 | 1005.24 | 1005.30 | 1005.33 | 1005.37 | 1005.44 | 1005.44 | 1005.39 | 1005.36 | 1005.33 | 1005.37 | 1005.41 | 1005.36 | 1005.36 |
|     | 17 | 1005.29 | 1005.27 | 1005.28 | 1005.30 | 1005.29 | 1005.25 | 1005.17 | 1005.12 | 1005.15 | 1005.19 | 1005.20 | 1005.18 | 1005.22 |
|     | 18 | 1005.08 | 1005.00 | 1004.99 | 1004.98 | 1004.89 | 1004.79 | 1004.73 | 1004.75 | 1004.91 | 1005.17 | 1005.42 | 1005.57 | 1005.02 |
|     | 19 | 1005.52 | 1005.44 | 1005.39 | 1005.32 | 1005.27 | 1005.12 | 1004.94 | 1004.87 | 1004.85 | 1004.81 | 1004.76 | 1004.73 | 1005.08 |
|     | 20 | 1004.72 | 1004.68 | 1004.63 | 1004.60 | 1004.57 | 1004.55 | 1004.51 | 1004.52 | 1004.67 | 1004.93 | 1005.15 | 1005.06 | 1004.71 |
|     | 21 | 1005.03 | 1005.22 | 1005.15 | 1005.04 | 1004.96 | 1004.91 | 1004.98 | 1004.93 | 1004.84 | 1004.91 | 1005.04 | 1005.11 | 1005.01 |
|     | 22 | 1005.06 | 1004.94 | 1004.87 | 1004.84 | 1004.82 | 1004.89 | 1005.00 | 1005.10 | 1005.17 | 1005.17 | 1005.17 | 1005.30 | 1005.02 |
|     | 23 | 1005.42 | 1005.44 | 1005.36 | 1005.19 | 1005.05 | 1005.00 | 1005.06 | 1005.08 | 1005.12 | 1005.15 | 1005.20 | 1005.29 | 1005.19 |

S.V.I.R.CO. Observatory - Pressure in hectoPascal – December 2012

| day | hh | 00_05   | 05_10   | 10_15   | 15_20   | 20_25   | 25_30   | 30_35   | 35_40   | 40_45   | 45_50   | 50_55   | 55_60   | average |
|-----|----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3   | 0  | 1005.31 | 1005.28 | 1005.27 | 1005.25 | 1005.25 | 1005.37 | 1005.49 | 1005.54 | 1005.52 | 1005.41 | 1005.43 | 1005.64 | 1005.40 |
|     | 1  | 1005.85 | 1005.97 | 1006.00 | 1005.90 | 1005.88 | 1006.05 | 1006.26 | 1006.42 | 1006.54 | 1006.61 | 1006.57 | 1006.54 | 1006.21 |
|     | 2  | 1006.58 | 1006.64 | 1006.71 | 1006.70 | 1006.67 | 1006.81 | 1006.97 | 1007.07 | 1007.14 | 1007.24 | 1007.36 | 1007.47 | 1006.94 |
|     | 3  | 1007.59 | 1007.64 | 1007.61 | 1007.58 | 1007.58 | 1007.58 | 1007.58 | 1007.66 | 1007.76 | 1007.83 | 1007.90 | 1007.96 | 1007.69 |
|     | 4  | 1008.01 | 1008.08 | 1008.13 | 1008.15 | 1008.19 | 1008.21 | 1008.20 | 1008.25 | 1008.33 | 1008.46 | 1008.60 | 1008.70 | 1008.27 |
|     | 5  | 1008.76 | 1008.81 | 1008.86 | 1008.87 | 1008.92 | 1008.97 | 1008.97 | 1008.98 | 1009.06 | 1009.21 | 1009.38 | 1009.53 | 1009.02 |
|     | 6  | 1009.61 | 1009.73 | 1009.86 | 1009.93 | 1009.98 | 1010.06 | 1010.17 | 1010.32 | 1010.54 | 1010.74 | 1010.94 | 1011.09 | 1010.24 |
|     | 7  | 1011.21 | 1011.34 | 1011.50 | 1011.65 | 1011.73 | 1011.77 | 1011.84 | 1011.96 | 1012.07 | 1012.17 | 1012.31 | 1012.38 | 1011.83 |
|     | 8  | 1012.42 | 1012.48 | 1012.54 | 1012.63 | 1012.74 | 1012.85 | 1012.98 | 1013.08 | 1013.14 | 1013.18 | 1013.26 | 1013.32 | 1012.88 |
|     | 9  | 1013.36 | 1013.50 | 1013.62 | 1013.67 | 1013.72 | 1013.81 | 1013.93 | 1014.00 | 1014.02 | 1014.04 | 1014.08 | 1014.16 | 1013.83 |
|     | 10 | 1014.28 | 1014.36 | 1014.42 | 1014.50 | 1014.56 | 1014.61 | 1014.66 | 1014.69 | 1014.69 | 1014.70 | 1014.64 | 1014.62 | 1014.56 |
|     | 11 | 1014.65 | 1014.65 | 1014.67 | 1014.75 | 1014.79 | 1014.81 | 1014.81 | 1014.79 | 1014.77 | 1014.77 | 1014.76 | 1014.74 | 1014.74 |
|     | 12 | 1014.70 | 1014.66 | 1014.65 | 1014.73 | 1014.75 | 1014.68 | 1014.65 | 1014.66 | 1014.76 | 1014.86 | 1014.91 | 1014.93 | 1014.74 |
|     | 13 | 1014.95 | 1015.00 | 1014.99 | 1014.93 | 1014.90 | 1014.95 | 1014.97 | 1014.91 | 1014.87 | 1014.88 | 1014.90 | 1014.94 | 1014.93 |
|     | 14 | 1014.94 | 1014.93 | 1014.94 | 1014.95 | 1014.96 | 1014.94 | 1014.92 | 1014.93 | 1014.94 | 1014.97 | 1015.06 | 1015.16 | 1014.97 |
|     | 15 | 1015.24 | 1015.32 | 1015.36 | 1015.34 | 1015.31 | 1015.31 | 1015.33 | 1015.38 | 1015.44 | 1015.50 | 1015.55 | 1015.54 | 1015.38 |
|     | 16 | 1015.51 | 1015.56 | 1015.63 | 1015.69 | 1015.73 | 1015.80 | 1015.87 | 1015.93 | 1016.01 | 1016.07 | 1016.10 | 1016.17 | 1015.84 |
|     | 17 | 1016.25 | 1016.27 | 1016.25 | 1016.21 | 1016.18 | 1016.19 | 1016.18 | 1016.17 | 1016.20 | 1016.28 | 1016.34 | 1016.31 | 1016.23 |
|     | 18 | 1016.27 | 1016.27 | 1016.24 | 1016.23 | 1016.22 | 1016.16 | 1016.11 | 1016.14 | 1016.18 | 1016.24 | 1016.34 | 1016.39 | 1016.23 |
|     | 19 | 1016.43 | 1016.49 | 1016.61 | 1016.73 | 1016.81 | 1016.91 | 1016.96 | 1016.94 | 1016.91 | 1016.86 | 1016.83 | 1016.87 | 1016.78 |
|     | 20 | 1016.90 | 1016.84 | 1016.83 | 1016.87 | 1016.85 | 1016.85 | 1016.84 | 1016.85 | 1016.94 | 1017.00 | 1016.95 | 1016.97 | 1016.89 |
|     | 21 | 1017.17 | 1017.33 | 1017.34 | 1017.32 | 1017.25 | 1017.11 | 1017.01 | 1017.05 | 1017.08 | 1016.99 | 1016.92 | 1016.87 | 1017.12 |
|     | 22 | 1016.73 | 1016.59 | 1016.57 | 1016.56 | 1016.48 | 1016.45 | 1016.41 | 1016.26 | 1016.14 | 1016.06 | 1015.93 | 1015.87 | 1016.33 |
|     | 23 | 1015.90 | 1015.92 | 1015.84 | 1015.67 | 1015.50 | 1015.43 | 1015.42 | 1015.37 | 1015.29 | 1015.21 | 1015.20 | 1015.17 | 1015.49 |
| 4   | 0  | 1015.02 | 1014.94 | 1014.86 | 1014.83 | 1014.75 | 1014.70 | 1014.67 | 1014.62 | 1014.53 | 1014.51 | 1014.48 | 1014.44 | 1014.68 |
|     | 1  | 1014.40 | 1014.36 | 1014.48 | 1014.60 | 1014.62 | 1014.59 | 1014.51 | 1014.43 | 1014.35 | 1014.21 | 1014.05 | 1013.97 | 1014.38 |
|     | 2  | 1013.91 | 1013.79 | 1013.68 | 1013.65 | 1013.59 | 1013.53 | 1013.58 | 1013.62 | 1013.51 | 1013.36 | 1013.33 | 1013.38 | 1013.58 |
|     | 3  | 1013.36 | 1013.28 | 1013.18 | 1013.03 | 1012.87 | 1012.78 | 1012.69 | 1012.52 | 1012.41 | 1012.40 | 1012.41 | 1012.42 | 1012.78 |
|     | 4  | 1012.38 | 1012.31 | 1012.36 | 1012.44 | 1012.46 | 1012.46 | 1012.40 | 1012.37 | 1012.36 | 1012.36 | 1012.42 | 1012.44 | 1012.39 |
|     | 5  | 1012.39 | 1012.34 | 1012.28 | 1012.20 | 1012.15 | 1012.07 | 1012.02 | 1011.98 | 1011.93 | 1011.89 | 1011.81 | 1011.67 | 1012.06 |
|     | 6  | 1011.46 | 1011.28 | 1011.18 | 1011.17 | 1011.19 | 1011.15 | 1011.11 | 1011.07 | 1011.03 | 1010.95 | 1010.78 | 1010.60 | 1011.08 |
|     | 7  | 1010.44 | 1010.30 | 1010.20 | 1010.20 | 1010.17 | 1010.10 | 1010.01 | 1009.85 | 1009.84 | 1009.90 | 1009.87 | 1009.81 | 1010.05 |
|     | 8  | 1009.87 | 1009.93 | 1009.90 | 1009.83 | 1009.75 | 1009.67 | 1009.57 | 1009.48 | 1009.52 | 1009.62 | 1009.63 | 1009.63 | 1009.70 |
|     | 9  | 1009.58 | 1009.56 | 1009.53 | 1009.45 | 1009.34 | 1009.21 | 1009.14 | 1009.02 | 1008.90 | 1008.79 | 1008.67 | 1008.52 | 1009.14 |
|     | 10 | 1008.40 | 1008.34 | 1008.24 | 1008.16 | 1008.06 | 1007.89 | 1007.80 | 1007.73 | 1007.59 | 1007.49 | 1007.32 | 1007.16 | 1007.85 |
|     | 11 | 1007.07 | 1006.94 | 1006.86 | 1006.78 | 1006.71 | 1006.62 | 1006.53 | 1006.43 | 1006.29 | 1006.17 | 1006.04 | 1005.93 | 1006.53 |
|     | 12 | 1005.88 | 1005.80 | 1005.67 | 1005.58 | 1005.50 | 1005.41 | 1005.33 | 1005.24 | 1005.13 | 1004.99 | 1004.91 | 1004.90 | 1005.36 |
|     | 13 | 1004.88 | 1004.82 | 1004.73 | 1004.61 | 1004.50 | 1004.41 | 1004.31 | 1004.18 | 1004.09 | 1004.00 | 1003.95 | 1003.94 | 1004.36 |
|     | 14 | 1003.87 | 1003.78 | 1003.62 | 1003.53 | 1003.48 | 1003.40 | 1003.37 | 1003.35 | 1003.33 | 1003.27 | 1003.20 | 1003.16 | 1003.44 |
|     | 15 | 1003.13 | 1003.10 | 1003.10 | 1003.05 | 1002.93 | 1002.84 | 1002.79 | 1002.69 | 1002.52 | 1002.35 | 1002.21 | 1002.20 | 1002.74 |
|     | 16 | 1002.19 | 1002.08 | 1002.07 | 1002.08 | 1001.88 | 1001.60 | 1001.17 | 1000.92 | 1001.01 | 1001.25 | 1001.55 | 1001.66 | 1001.62 |
|     | 17 | 1001.66 | 1001.66 | 1001.59 | 1001.45 | 1001.40 | 1001.37 | 1001.37 | 1001.31 | 1001.14 | 1000.94 | 1000.93 | 1001.03 | 1001.32 |
|     | 18 | 1000.97 | 1000.84 | 1000.81 | 1000.84 | 1000.86 | 1000.86 | 1000.84 | 1000.80 | 1000.81 | 1000.82 | 1000.81 | 1000.75 | 1000.83 |
|     | 19 | 1000.69 | 1000.66 | 1000.59 | 1000.52 | 1000.45 | 1000.34 | 1000.18 | 1000.06 | 1000.03 | 1000.14 | 1000.34 | 1000.47 | 1000.37 |
|     | 20 | 1000.45 | 1000.44 | 1000.48 | 1000.42 | 1000.37 | 1000.36 | 1000.37 | 1000.41 | 1000.37 | 1000.33 | 1000.27 | 1000.26 | 1000.38 |
|     | 21 | 1000.30 | 1000.28 | 1000.27 | 1000.32 | 1000.42 | 1000.48 | 1000.50 | 1000.56 | 1000.65 | 1000.76 | 1000.86 | 1000.97 | 1000.53 |
|     | 22 | 1001.13 | 1001.30 | 1001.49 | 1001.53 | 1001.49 | 1001.42 | 1001.32 | 1001.23 | 1001.11 | 1001.07 | 1001.04 | 1001.02 | 1001.26 |
|     | 23 | 1001.10 | 1001.07 | 1000.97 | 1000.86 | 1000.78 | 1000.89 | 1000.97 | 1000.95 | 1000.93 | 1000.93 | 1000.99 | 1000.96 | 1000.95 |

S.V.I.R.CO. Observatory - Pressure in hectoPascal – December 2012

| day | hh | 00_05   | 05_10   | 10_15   | 15_20   | 20_25   | 25_30   | 30_35   | 35_40   | 40_45   | 45_50   | 50_55   | 55_60   | average |
|-----|----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 5   | 0  | 1000.80 | 1000.89 | 1000.92 | 1000.84 | 1000.79 | 1000.80 | 1000.80 | 1000.79 | 1000.74 | 1000.76 | 1000.91 | 1000.99 | 1000.84 |
|     | 1  | 1000.97 | 1001.00 | 1001.05 | 1001.12 | 1001.20 | 1001.19 | 1001.17 | 1001.15 | 1001.07 | 1001.13 | 1001.23 | 1001.24 | 1001.12 |
|     | 2  | 1001.25 | 1001.22 | 1001.17 | 1001.18 | 1001.23 | 1001.24 | 1001.27 | 1001.25 | 1001.22 | 1001.26 | 1001.25 | 1001.25 | 1001.23 |
|     | 3  | 1001.37 | 1001.49 | 1001.53 | 1001.50 | 1001.40 | 1001.38 | 1001.42 | 1001.37 | 1001.39 | 1001.46 | 1001.49 | 1001.56 | 1001.44 |
|     | 4  | 1001.62 | 1001.67 | 1001.73 | 1001.80 | 1001.91 | 1002.00 | 1001.99 | 1002.04 | 1002.12 | 1002.18 | 1002.20 | 1002.18 | 1001.95 |
|     | 5  | 1002.21 | 1002.27 | 1002.39 | 1002.47 | 1002.48 | 1002.48 | 1002.53 | 1002.75 | 1002.67 | 1002.35 | 1002.27 | 1002.25 | 1002.42 |
|     | 6  | 1002.23 | 1002.22 | 1002.26 | 1002.33 | 1002.41 | 1002.56 | 1002.67 | 1002.72 | 1002.79 | 1002.84 | 1002.84 | 1002.84 | 1002.56 |
|     | 7  | 1002.89 | 1002.97 | 1003.04 | 1003.07 | 1003.09 | 1003.09 | 1003.07 | 1003.08 | 1003.08 | 1003.10 | 1003.21 | 1003.26 | 1003.08 |
|     | 8  | 1003.25 | 1003.25 | 1003.29 | 1003.34 | 1003.32 | 1003.29 | 1003.28 | 1003.22 | 1003.24 | 1003.28 | 1003.23 | 1003.21 | 1003.26 |
|     | 9  | 1003.30 | 1003.38 | 1003.60 | 1003.59 | 1003.25 | 1003.11 | 1003.11 | 1003.18 | 1003.21 | 1003.23 | 1003.22 | 1003.16 | 1003.28 |
|     | 10 | 1003.14 | 1003.11 | 1002.99 | 1002.81 | 1002.71 | 1002.65 | 1002.58 | 1002.54 | 1002.45 | 1002.36 | 1002.33 | 1002.34 | 1002.66 |
|     | 11 | 1002.37 | 1002.36 | 1002.33 | 1002.30 | 1002.28 | 1002.29 | 1002.28 | 1002.28 | 1002.24 | 1002.13 | 1002.04 | 1001.97 | 1002.24 |
|     | 12 | 1001.90 | 1001.83 | 1001.77 | 1001.69 | 1001.64 | 1001.60 | 1001.48 | 1001.41 | 1001.35 | 1001.26 | 1001.23 | 1001.24 | 1001.53 |
|     | 13 | 1001.25 | 1001.21 | 1001.13 | 1001.10 | 1001.10 | 1001.04 | 1000.94 | 1000.79 | 1000.70 | 1000.63 | 1000.53 | 1000.52 | 1000.91 |
|     | 14 | 1000.50 | 1000.35 | 1000.22 | 1000.19 | 1000.20 | 1000.21 | 1000.18 | 1000.15 | 1000.20 | 1000.28 | 1000.21 | 1000.22 | 1000.24 |
|     | 15 | 1000.29 | 1000.28 | 1000.35 | 1000.46 | 1000.92 | 1001.10 | 1000.93 | 1001.09 | 1001.53 | 1001.86 | 1002.02 | 1002.28 | 1001.09 |
|     | 16 | 1002.33 | 1002.34 | 1002.45 | 1002.71 | 1002.92 | 1002.96 | 1003.07 | 1003.15 | 1002.98 | 1002.77 | 1002.57 | 1002.19 | 1002.70 |
|     | 17 | 1002.00 | 1002.15 | 1002.27 | 1002.33 | 1002.39 | 1002.44 | 1002.47 | 1002.48 | 1002.53 | 1002.57 | 1002.63 | 1002.76 | 1002.42 |
|     | 18 | 1002.89 | 1002.95 | 1003.01 | 1003.09 | 1003.13 | 1003.21 | 1003.37 | 1003.37 | 1003.37 | 1003.34 | 1003.24 | 1003.23 | 1003.18 |
|     | 19 | 1003.29 | 1003.39 | 1003.44 | 1003.49 | 1003.59 | 1003.64 | 1003.65 | 1003.71 | 1003.77 | 1003.80 | 1003.81 | 1003.81 | 1003.61 |
|     | 20 | 1003.84 | 1003.94 | 1004.02 | 1004.07 | 1004.15 | 1004.19 | 1004.17 | 1004.21 | 1004.22 | 1004.17 | 1004.16 | 1004.22 | 1004.11 |
|     | 21 | 1004.27 | 1004.29 | 1004.34 | 1004.42 | 1004.50 | 1004.54 | 1004.53 | 1004.50 | 1004.51 | 1004.53 | 1004.54 | 1004.57 | 1004.46 |
|     | 22 | 1004.63 | 1004.73 | 1004.75 | 1004.67 | 1004.68 | 1004.72 | 1004.71 | 1004.73 | 1004.76 | 1004.77 | 1004.83 | 1004.90 | 1004.74 |
|     | 23 | 1004.96 | 1005.02 | 1005.04 | 1005.01 | 1005.01 | 1005.08 | 1005.12 | 1005.11 | 1005.13 | 1005.18 | 1005.24 | 1005.31 | 1005.10 |
| 6   | 0  | 1005.37 | 1005.36 | 1005.34 | 1005.30 | 1005.27 | 1005.24 | 1005.25 | 1005.28 | 1005.28 | 1005.33 | 1005.40 | 1005.40 | 1005.31 |
|     | 1  | 1005.35 | 1005.33 | 1005.39 | 1005.48 | 1005.53 | 1005.54 | 1005.52 | 1005.47 | 1005.44 | 1005.41 | 1005.38 | 1005.38 | 1005.43 |
|     | 2  | 1005.40 | 1005.43 | 1005.44 | 1005.42 | 1005.41 | 1005.38 | 1005.33 | 1005.25 | 1005.20 | 1005.21 | 1005.26 | 1005.32 | 1005.33 |
|     | 3  | 1005.33 | 1005.34 | 1005.37 | 1005.41 | 1005.53 | 1005.57 | 1005.59 | 1005.62 | 1005.59 | 1005.53 | 1005.52 | 1005.57 | 1005.49 |
|     | 4  | 1005.62 | 1005.73 | 1005.77 | 1005.65 | 1005.51 | 1005.50 | 1005.58 | 1005.55 | 1005.50 | 1005.50 | 1005.49 | 1005.54 | 1005.58 |
|     | 5  | 1005.53 | 1005.68 | 1005.78 | 1005.82 | 1005.96 | 1006.17 | 1006.52 | 1006.64 | 1006.64 | 1006.68 | 1006.59 | 1006.36 | 1006.19 |
|     | 6  | 1006.30 | 1006.32 | 1006.29 | 1006.31 | 1006.31 | 1006.27 | 1006.23 | 1006.29 | 1006.39 | 1006.38 | 1006.38 | 1006.42 | 1006.32 |
|     | 7  | 1006.45 | 1006.52 | 1006.62 | 1006.71 | 1006.75 | 1006.81 | 1006.83 | 1006.79 | 1006.79 | 1006.78 | 1006.77 | 1006.80 | 1006.72 |
|     | 8  | 1006.78 | 1006.96 | 1007.20 | 1007.22 | 1007.21 | 1007.19 | 1007.19 | 1007.18 | 1007.17 | 1007.12 | 1007.05 | 1007.08 | 1007.11 |
|     | 9  | 1007.15 | 1007.21 | 1007.25 | 1007.30 | 1007.37 | 1007.43 | 1007.46 | 1007.46 | 1007.48 | 1007.52 | 1007.52 | 1007.52 | 1007.39 |
|     | 10 | 1007.51 | 1007.49 | 1007.49 | 1007.50 | 1007.50 | 1007.48 | 1007.49 | 1007.48 | 1007.43 | 1007.41 | 1007.42 | 1007.42 | 1007.47 |
|     | 11 | 1007.39 | 1007.35 | 1007.31 | 1007.29 | 1007.30 | 1007.30 | 1007.25 | 1007.21 | 1007.19 | 1007.16 | 1007.13 | 1007.10 | 1007.25 |
|     | 12 | 1007.11 | 1007.13 | 1007.17 | 1007.24 | 1007.32 | 1007.41 | 1007.48 | 1007.53 | 1007.53 | 1007.54 | 1007.57 | 1007.64 | 1007.39 |
|     | 13 | 1007.69 | 1007.70 | 1007.71 | 1007.73 | 1007.76 | 1007.78 | 1007.81 | 1007.82 | 1007.81 | 1007.81 | 1007.82 | 1007.83 | 1007.77 |
|     | 14 | 1007.85 | 1007.88 | 1007.91 | 1007.97 | 1008.02 | 1008.07 | 1008.15 | 1008.23 | 1008.31 | 1008.39 | 1008.47 | 1008.58 | 1008.15 |
|     | 15 | 1008.71 | 1008.76 | 1008.78 | 1008.84 | 1008.89 | 1008.92 | 1008.98 | 1009.03 | 1009.08 | 1009.18 | 1009.31 | 1009.42 | 1008.99 |
|     | 16 | 1009.51 | 1009.54 | 1009.56 | 1009.61 | 1009.68 | 1009.74 | 1009.76 | 1009.76 | 1009.74 | 1009.75 | 1009.84 | 1009.97 | 1009.70 |
|     | 17 | 1010.07 | 1010.17 | 1010.25 | 1010.28 | 1010.29 | 1010.33 | 1010.42 | 1010.53 | 1010.64 | 1010.72 | 1010.79 | 1010.86 | 1010.44 |
|     | 18 | 1010.93 | 1010.96 | 1011.00 | 1011.12 | 1011.23 | 1011.30 | 1011.32 | 1011.34 | 1011.35 | 1011.37 | 1011.41 | 1011.38 | 1011.22 |
|     | 19 | 1011.37 | 1011.44 | 1011.50 | 1011.57 | 1011.63 | 1011.66 | 1011.68 | 1011.70 | 1011.76 | 1011.79 | 1011.80 | 1011.83 | 1011.64 |
|     | 20 | 1011.88 | 1011.93 | 1011.99 | 1012.06 | 1012.12 | 1012.16 | 1012.25 | 1012.36 | 1012.41 | 1012.41 | 1012.38 | 1012.37 | 1012.19 |
|     | 21 | 1012.39 | 1012.41 | 1012.38 | 1012.35 | 1012.34 | 1012.30 | 1012.23 | 1012.25 | 1012.37 | 1012.49 | 1012.53 | 1012.55 | 1012.38 |
|     | 22 | 1012.57 | 1012.59 | 1012.63 | 1012.64 | 1012.62 | 1012.59 | 1012.54 | 1012.50 | 1012.47 | 1012.46 | 1012.48 | 1012.49 | 1012.55 |
|     | 23 | 1012.46 | 1012.46 | 1012.54 | 1012.63 | 1012.63 | 1012.60 | 1012.58 | 1012.62 | 1012.69 | 1012.74 | 1012.82 | 1012.89 | 1012.64 |

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| day | hh | 00_05   | 05_10   | 10_15   | 15_20   | 20_25   | 25_30   | 30_35   | 35_40   | 40_45   | 45_50   | 50_55   | 55_60   | average |
|-----|----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 7   | 0  | 1012.92 | 1012.95 | 1012.99 | 1012.98 | 1012.93 | 1012.89 | 1012.86 | 1012.82 | 1012.80 | 1012.85 | 1012.88 | 1012.91 | 1012.89 |
|     | 1  | 1012.90 | 1012.89 | 1012.93 | 1012.97 | 1013.02 | 1013.15 | 1013.30 | 1013.34 | 1013.36 | 1013.31 | 1013.22 | 1013.22 | 1013.13 |
|     | 2  | 1013.23 | 1013.22 | 1013.20 | 1013.15 | 1013.10 | 1013.07 | 1013.06 | 1013.05 | 1013.04 | 1013.06 | 1013.09 | 1013.10 | 1013.11 |
|     | 3  | 1013.08 | 1013.08 | 1013.07 | 1013.02 | 1013.05 | 1013.08 | 1013.04 | 1013.02 | 1013.00 | 1013.03 | 1013.14 | 1013.21 | 1013.07 |
|     | 4  | 1013.24 | 1013.26 | 1013.23 | 1013.19 | 1013.11 | 1013.01 | 1012.97 | 1013.00 | 1013.06 | 1013.11 | 1013.12 | 1013.11 | 1013.11 |
|     | 5  | 1013.10 | 1013.12 | 1013.14 | 1013.14 | 1013.20 | 1013.27 | 1013.27 | 1013.20 | 1013.18 | 1013.20 | 1013.19 | 1013.15 | 1013.18 |
|     | 6  | 1013.14 | 1013.11 | 1013.13 | 1013.21 | 1013.26 | 1013.26 | 1013.23 | 1013.21 | 1013.24 | 1013.27 | 1013.25 | 1013.27 | 1013.21 |
|     | 7  | 1013.30 | 1013.27 | 1013.26 | 1013.25 | 1013.22 | 1013.19 | 1013.17 | 1013.16 | 1013.17 | 1013.19 | 1013.22 | 1013.17 | 1013.21 |
|     | 8  | 1013.11 | 1013.07 | 1013.04 | 1013.07 | 1013.07 | 1013.09 | 1013.14 | 1013.12 | 1013.04 | 1013.01 | 1013.03 | 1013.06 | 1013.07 |
|     | 9  | 1013.04 | 1012.99 | 1012.96 | 1012.94 | 1012.93 | 1012.94 | 1012.91 | 1012.88 | 1012.89 | 1012.85 | 1012.75 | 1012.63 | 1012.89 |
|     | 10 | 1012.58 | 1012.54 | 1012.51 | 1012.48 | 1012.37 | 1012.30 | 1012.24 | 1012.13 | 1012.02 | 1011.89 | 1011.79 | 1011.71 | 1012.21 |
|     | 11 | 1011.59 | 1011.48 | 1011.33 | 1011.19 | 1011.08 | 1010.98 | 1010.89 | 1010.83 | 1010.73 | 1010.62 | 1010.56 | 1010.52 | 1010.98 |
|     | 12 | 1010.51 | 1010.46 | 1010.35 | 1010.27 | 1010.25 | 1010.21 | 1010.17 | 1010.16 | 1010.08 | 1009.95 | 1009.84 | 1009.75 | 1010.16 |
|     | 13 | 1009.63 | 1009.53 | 1009.49 | 1009.46 | 1009.40 | 1009.31 | 1009.22 | 1009.16 | 1009.11 | 1009.08 | 1009.10 | 1009.09 | 1009.30 |
|     | 14 | 1009.03 | 1008.99 | 1008.96 | 1008.89 | 1008.80 | 1008.75 | 1008.66 | 1008.57 | 1008.55 | 1008.57 | 1008.54 | 1008.49 | 1008.73 |
|     | 15 | 1008.44 | 1008.36 | 1008.29 | 1008.25 | 1008.20 | 1008.13 | 1008.07 | 1008.13 | 1008.26 | 1008.28 | 1008.20 | 1008.08 | 1008.22 |
|     | 16 | 1007.94 | 1007.81 | 1007.69 | 1007.63 | 1007.54 | 1007.47 | 1007.49 | 1007.44 | 1007.36 | 1007.36 | 1007.57 | 1007.72 | 1007.58 |
|     | 17 | 1007.65 | 1007.66 | 1007.71 | 1007.67 | 1007.49 | 1007.30 | 1007.21 | 1007.13 | 1006.96 | 1006.82 | 1006.72 | 1006.65 | 1007.25 |
|     | 18 | 1006.69 | 1006.70 | 1006.60 | 1006.56 | 1006.51 | 1006.41 | 1006.48 | 1006.51 | 1006.37 | 1006.28 | 1006.24 | 1006.12 | 1006.45 |
|     | 19 | 1006.04 | 1006.00 | 1005.82 | 1005.52 | 1005.31 | 1005.36 | 1005.32 | 1005.17 | 1005.06 | 1004.96 | 1004.90 | 1004.77 | 1005.35 |
|     | 20 | 1004.69 | 1004.65 | 1004.56 | 1004.49 | 1004.41 | 1004.24 | 1004.19 | 1004.22 | 1004.12 | 1004.00 | 1003.87 | 1003.74 | 1004.26 |
|     | 21 | 1003.66 | 1003.57 | 1003.47 | 1003.40 | 1003.31 | 1003.17 | 1003.05 | 1002.95 | 1002.84 | 1002.78 | 1002.73 | 1002.63 | 1003.13 |
|     | 22 | 1002.54 | 1002.49 | 1002.47 | 1002.44 | 1002.44 | 1002.37 | 1002.28 | 1002.23 | 1002.16 | 1002.04 | 1001.81 | 1001.59 | 1002.24 |
|     | 23 | 1001.57 | 1001.60 | 1001.46 | 1001.32 | 1001.23 | 1001.21 | 1001.05 | 1000.68 | 1000.39 | 1000.29 | 1000.16 | 999.96  | 1000.91 |
| 8   | 0  | 999.82  | 999.82  | 999.60  | 999.25  | 999.09  | 999.14  | 999.07  | 999.00  | 999.03  | 999.08  | 999.17  | 999.26  | 999.25  |
|     | 1  | 999.38  | 999.34  | 999.35  | 999.69  | 999.94  | 1000.13 | 1000.28 | 1000.20 | 1000.14 | 1000.09 | 1000.10 | 1000.00 | 999.88  |
|     | 2  | 999.92  | 999.97  | 1000.05 | 1000.14 | 1000.22 | 1000.24 | 1000.13 | 1000.07 | 1000.13 | 999.94  | 999.71  | 999.63  | 1000.01 |
|     | 3  | 999.67  | 999.90  | 999.94  | 999.84  | 999.86  | 999.88  | 999.95  | 1000.09 | 1000.21 | 1000.29 | 1000.32 | 1000.28 | 1000.02 |
|     | 4  | 1000.23 | 1000.16 | 1000.07 | 1000.02 | 1000.02 | 1000.00 | 999.95  | 999.89  | 999.82  | 999.80  | 999.88  | 1000.00 | 999.99  |
|     | 5  | 1000.03 | 1000.04 | 1000.11 | 1000.06 | 1000.03 | 1000.06 | 1000.06 | 1000.08 | 1000.02 | 1000.02 | 1000.18 | 1000.20 | 1000.07 |
|     | 6  | 999.99  | 999.90  | 999.87  | 999.78  | 999.78  | 999.84  | 999.95  | 999.92  | 999.81  | 999.72  | 999.63  | 999.71  | 999.82  |
|     | 7  | 999.88  | 999.99  | 1000.10 | 1000.21 | 1000.30 | 1000.36 | 1000.35 | 1000.38 | 1000.48 | 1000.55 | 1000.62 | 1000.73 | 1000.33 |
|     | 8  | 1000.79 | 1000.79 | 1000.78 | 1000.75 | 1000.71 | 1000.73 | 1000.78 | 1000.79 | 1000.73 | 1000.70 | 1000.72 | 1000.72 | 1000.75 |
|     | 9  | 1000.75 | 1000.77 | 1000.76 | 1000.80 | 1000.87 | 1000.90 | 1000.87 | 1000.84 | 1000.84 | 1000.79 | 1000.70 | 1000.68 | 1000.80 |
|     | 10 | 1000.68 | 1000.65 | 1000.65 | 1000.63 | 1000.60 | 1000.58 | 1000.59 | 1000.59 | 1000.58 | 1000.56 | 1000.58 | 1000.68 | 1000.61 |
|     | 11 | 1000.77 | 1000.86 | 1000.93 | 1000.99 | 1001.02 | 1000.98 | 1000.94 | 1001.05 | 1001.21 | 1001.27 | 1001.29 | 1001.27 | 1001.05 |
|     | 12 | 1001.17 | 1001.13 | 1001.20 | 1001.21 | 1001.17 | 1001.12 | 1001.08 | 1001.08 | 1001.11 | 1001.09 | 1001.10 | 1001.11 | 1001.13 |
|     | 13 | 1001.06 | 1001.07 | 1001.17 | 1001.26 | 1001.29 | 1001.34 | 1001.39 | 1001.41 | 1001.40 | 1001.42 | 1001.48 | 1001.56 | 1001.32 |
|     | 14 | 1001.61 | 1001.64 | 1001.65 | 1001.65 | 1001.62 | 1001.64 | 1001.69 | 1001.65 | 1001.63 | 1001.62 | 1001.61 | 1001.65 | 1001.64 |
|     | 15 | 1001.73 | 1001.82 | 1001.94 | 1002.06 | 1002.08 | 1002.10 | 1002.18 | 1002.25 | 1002.36 | 1002.46 | 1002.49 | 1002.52 | 1002.16 |
|     | 16 | 1002.55 | 1002.59 | 1002.64 | 1002.68 | 1002.71 | 1002.69 | 1002.77 | 1002.89 | 1002.90 | 1002.91 | 1002.95 | 1002.95 | 1002.77 |
|     | 17 | 1003.03 | 1003.15 | 1003.22 | 1003.22 | 1003.14 | 1003.14 | 1003.23 | 1003.27 | 1003.32 | 1003.37 | 1003.44 | 1003.49 | 1003.25 |
|     | 18 | 1003.49 | 1003.52 | 1003.58 | 1003.69 | 1003.75 | 1003.72 | 1003.75 | 1003.81 | 1003.85 | 1003.91 | 1003.95 | 1003.93 | 1003.74 |
|     | 19 | 1003.93 | 1003.97 | 1004.02 | 1004.00 | 1003.97 | 1004.02 | 1004.06 | 1004.05 | 1004.04 | 1004.06 | 1004.11 | 1004.16 | 1004.03 |
|     | 20 | 1004.21 | 1004.29 | 1004.35 | 1004.37 | 1004.40 | 1004.47 | 1004.54 | 1004.66 | 1004.81 | 1004.87 | 1004.91 | 1005.06 | 1004.58 |
|     | 21 | 1005.20 | 1005.26 | 1005.36 | 1005.45 | 1005.53 | 1005.64 | 1005.83 | 1006.03 | 1006.17 | 1006.25 | 1006.29 | 1006.35 | 1005.78 |
|     | 22 | 1006.43 | 1006.56 | 1006.69 | 1006.73 | 1006.76 | 1006.82 | 1006.89 | 1006.94 | 1007.04 | 1007.12 | 1007.14 | 1007.17 | 1006.86 |
|     | 23 | 1007.22 | 1007.29 | 1007.40 | 1007.49 | 1007.41 | 1007.37 | 1007.38 | 1007.32 | 1007.32 | 1007.37 | 1007.39 | 1007.38 | 1007.36 |

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| day | hh | 00_05   | 05_10   | 10_15   | 15_20   | 20_25   | 25_30   | 30_35   | 35_40   | 40_45   | 45_50   | 50_55   | 55_60   | average |
|-----|----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 9   | 0  | 1007.43 | 1007.47 | 1007.51 | 1007.53 | 1007.65 | 1007.77 | 1007.78 | 1007.74 | 1007.73 | 1007.74 | 1007.78 | 1007.84 | 1007.67 |
|     | 1  | 1007.88 | 1007.86 | 1007.85 | 1007.89 | 1007.98 | 1008.09 | 1008.13 | 1008.19 | 1008.28 | 1008.31 | 1008.32 | 1008.37 | 1008.09 |
|     | 2  | 1008.39 | 1008.40 | 1008.46 | 1008.53 | 1008.56 | 1008.52 | 1008.47 | 1008.42 | 1008.42 | 1008.54 | 1008.57 | 1008.56 | 1008.49 |
|     | 3  | 1008.63 | 1008.67 | 1008.70 | 1008.78 | 1008.90 | 1009.02 | 1009.08 | 1009.06 | 1009.10 | 1009.21 | 1009.28 | 1009.31 | 1008.98 |
|     | 4  | 1009.36 | 1009.45 | 1009.49 | 1009.50 | 1009.55 | 1009.61 | 1009.66 | 1009.72 | 1009.80 | 1009.92 | 1010.00 | 1010.07 | 1009.68 |
|     | 5  | 1010.17 | 1010.23 | 1010.28 | 1010.34 | 1010.40 | 1010.46 | 1010.52 | 1010.64 | 1010.77 | 1010.87 | 1010.98 | 1011.01 | 1010.55 |
|     | 6  | 1011.00 | 1011.05 | 1011.16 | 1011.28 | 1011.37 | 1011.49 | 1011.63 | 1011.77 | 1011.89 | 1012.01 | 1012.11 | 1012.22 | 1011.58 |
|     | 7  | 1012.35 | 1012.47 | 1012.55 | 1012.60 | 1012.68 | 1012.77 | 1012.79 | 1012.78 | 1012.81 | 1012.87 | 1012.91 | 1013.01 | 1012.71 |
|     | 8  | 1013.07 | 1013.03 | 1013.09 | 1013.21 | 1013.27 | 1013.34 | 1013.46 | 1013.53 | 1013.58 | 1013.66 | 1013.78 | 1013.94 | 1013.41 |
|     | 9  | 1014.01 | 1014.05 | 1014.12 | 1014.15 | 1014.23 | 1014.34 | 1014.37 | 1014.31 | 1014.26 | 1014.23 | 1014.21 | 1014.23 | 1014.21 |
|     | 10 | 1014.24 | 1014.25 | 1014.32 | 1014.34 | 1014.34 | 1014.35 | 1014.31 | 1014.29 | 1014.29 | 1014.34 | 1014.43 | 1014.50 | 1014.33 |
|     | 11 | 1014.53 | 1014.56 | 1014.58 | 1014.56 | 1014.52 | 1014.54 | 1014.61 | 1014.68 | 1014.74 | 1014.79 | 1014.78 | 1014.75 | 1014.63 |
|     | 12 | 1014.74 | 1014.68 | 1014.67 | 1014.64 | 1014.57 | 1014.58 | 1014.65 | 1014.71 | 1014.69 | 1014.67 | 1014.63 | 1014.54 | 1014.64 |
|     | 13 | 1014.51 | 1014.55 | 1014.57 | 1014.62 | 1014.68 | 1014.74 | 1014.80 | 1014.81 | 1014.89 | 1014.96 | 1014.97 | 1014.97 | 1014.75 |
|     | 14 | 1014.97 | 1015.00 | 1015.02 | 1015.05 | 1015.04 | 1015.03 | 1015.06 | 1015.16 | 1015.25 | 1015.31 | 1015.35 | 1015.36 | 1015.13 |
|     | 15 | 1015.41 | 1015.49 | 1015.57 | 1015.63 | 1015.69 | 1015.77 | 1015.84 | 1015.90 | 1015.96 | 1016.01 | 1016.07 | 1016.12 | 1015.79 |
|     | 16 | 1016.10 | 1016.04 | 1015.95 | 1015.90 | 1015.93 | 1015.98 | 1016.01 | 1016.04 | 1016.07 | 1016.17 | 1016.32 | 1016.43 | 1016.08 |
|     | 17 | 1016.49 | 1016.55 | 1016.59 | 1016.60 | 1016.61 | 1016.64 | 1016.67 | 1016.71 | 1016.72 | 1016.73 | 1016.80 | 1016.86 | 1016.66 |
|     | 18 | 1016.84 | 1016.79 | 1016.76 | 1016.77 | 1016.76 | 1016.76 | 1016.81 | 1016.86 | 1016.90 | 1016.96 | 1016.99 | 1016.98 | 1016.85 |
|     | 19 | 1017.02 | 1017.08 | 1017.10 | 1017.15 | 1017.20 | 1017.16 | 1017.11 | 1017.10 | 1017.14 | 1017.17 | 1017.13 | 1017.08 | 1017.12 |
|     | 20 | 1017.08 | 1017.11 | 1017.12 | 1017.17 | 1017.25 | 1017.29 | 1017.36 | 1017.44 | 1017.45 | 1017.42 | 1017.38 | 1017.35 | 1017.28 |
|     | 21 | 1017.31 | 1017.28 | 1017.24 | 1017.21 | 1017.18 | 1017.11 | 1017.07 | 1017.12 | 1017.17 | 1017.15 | 1017.11 | 1017.14 | 1017.17 |
|     | 22 | 1017.18 | 1017.17 | 1017.11 | 1017.04 | 1016.95 | 1016.91 | 1016.90 | 1016.89 | 1016.81 | 1016.72 | 1016.74 | 1016.78 | 1016.93 |
|     | 23 | 1016.84 | 1016.90 | 1016.90 | 1016.87 | 1016.83 | 1016.78 | 1016.74 | 1016.75 | 1016.75 | 1016.75 | 1016.71 | 1016.64 | 1016.79 |
| 10  | 0  | 1016.63 | 1016.64 | 1016.64 | 1016.64 | 1016.63 | 1016.58 | 1016.58 | 1016.61 | 1016.63 | 1016.64 | 1016.59 | 1016.54 | 1016.61 |
|     | 1  | 1016.55 | 1016.57 | 1016.59 | 1016.56 | 1016.50 | 1016.44 | 1016.39 | 1016.32 | 1016.24 | 1016.20 | 1016.16 | 1016.07 | 1016.38 |
|     | 2  | 1015.97 | 1015.92 | 1015.90 | 1015.82 | 1015.74 | 1015.69 | 1015.63 | 1015.58 | 1015.52 | 1015.46 | 1015.38 | 1015.30 | 1015.66 |
|     | 3  | 1015.19 | 1015.03 | 1014.89 | 1014.81 | 1014.78 | 1014.78 | 1014.75 | 1014.69 | 1014.64 | 1014.59 | 1014.50 | 1014.40 | 1014.75 |
|     | 4  | 1014.30 | 1014.20 | 1014.10 | 1013.97 | 1013.82 | 1013.77 | 1013.71 | 1013.59 | 1013.50 | 1013.41 | 1013.35 | 1013.36 | 1013.75 |
|     | 5  | 1013.45 | 1013.52 | 1013.57 | 1013.62 | 1013.59 | 1013.51 | 1013.41 | 1013.21 | 1013.06 | 1013.05 | 1013.04 | 1012.86 | 1013.32 |
|     | 6  | 1012.71 | 1012.69 | 1012.60 | 1012.36 | 1012.26 | 1012.25 | 1012.15 | 1012.12 | 1012.06 | 1011.93 | 1011.81 | 1011.77 | 1012.22 |
|     | 7  | 1011.75 | 1011.66 | 1011.55 | 1011.48 | 1011.45 | 1011.41 | 1011.31 | 1011.16 | 1011.14 | 1011.20 | 1011.19 | 1011.08 | 1011.36 |
|     | 8  | 1011.01 | 1011.01 | 1010.92 | 1010.79 | 1010.75 | 1010.76 | 1010.68 | 1010.66 | 1010.66 | 1010.62 | 1010.57 | 1010.58 | 1010.75 |
|     | 9  | 1010.58 | 1010.51 | 1010.48 | 1010.48 | 1010.44 | 1010.40 | 1010.37 | 1010.24 | 1010.14 | 1010.10 | 1009.98 | 1009.88 | 1010.30 |
|     | 10 | 1009.82 | 1009.74 | 1009.66 | 1009.52 | 1009.40 | 1009.29 | 1009.18 | 1009.12 | 1009.05 | 1008.97 | 1008.86 | 1008.75 | 1009.28 |
|     | 11 | 1008.66 | 1008.51 | 1008.36 | 1008.29 | 1008.22 | 1008.16 | 1008.09 | 1007.94 | 1007.79 | 1007.65 | 1007.52 | 1007.42 | 1008.05 |
|     | 12 | 1007.34 | 1007.27 | 1007.18 | 1007.07 | 1006.98 | 1006.89 | 1006.79 | 1006.66 | 1006.53 | 1006.39 | 1006.29 | 1006.24 | 1006.80 |
|     | 13 | 1006.15 | 1006.05 | 1005.97 | 1005.86 | 1005.75 | 1005.63 | 1005.54 | 1005.50 | 1005.47 | 1005.45 | 1005.43 | 1005.37 | 1005.68 |
|     | 14 | 1005.31 | 1005.32 | 1005.37 | 1005.36 | 1005.30 | 1005.18 | 1005.07 | 1004.99 | 1004.89 | 1004.84 | 1004.80 | 1004.73 | 1005.10 |
|     | 15 | 1004.67 | 1004.63 | 1004.57 | 1004.49 | 1004.47 | 1004.43 | 1004.32 | 1004.20 | 1004.08 | 1004.01 | 1003.89 | 1003.78 | 1004.29 |
|     | 16 | 1003.72 | 1003.68 | 1003.61 | 1003.56 | 1003.50 | 1003.37 | 1003.31 | 1003.29 | 1003.23 | 1003.21 | 1003.21 | 1003.16 | 1003.40 |
|     | 17 | 1003.09 | 1003.03 | 1002.99 | 1002.98 | 1002.93 | 1002.85 | 1002.77 | 1002.69 | 1002.62 | 1002.59 | 1002.54 | 1002.44 | 1002.79 |
|     | 18 | 1002.40 | 1002.43 | 1002.45 | 1002.46 | 1002.42 | 1002.36 | 1002.33 | 1002.36 | 1002.46 | 1002.45 | 1002.33 | 1002.23 | 1002.39 |
|     | 19 | 1002.22 | 1002.48 | 1002.84 | 1002.96 | 1003.00 | 1003.02 | 1003.11 | 1003.29 | 1003.42 | 1003.48 | 1003.50 | 1003.54 | 1003.07 |
|     | 20 | 1003.53 | 1003.53 | 1003.59 | 1003.59 | 1003.57 | 1003.58 | 1003.60 | 1003.59 | 1003.58 | 1003.63 | 1003.72 | 1003.81 | 1003.61 |
|     | 21 | 1003.81 | 1003.87 | 1003.89 | 1003.88 | 1003.96 | 1004.09 | 1004.32 | 1004.47 | 1004.51 | 1004.50 | 1004.43 | 1004.31 | 1004.17 |
|     | 22 | 1004.21 | 1004.16 | 1004.08 | 1003.96 | 1003.83 | 1003.72 | 1003.69 | 1003.71 | 1003.77 | 1003.88 | 1004.00 | 1004.12 | 1003.93 |
|     | 23 | 1004.25 | 1004.37 | 1004.47 | 1004.51 | 1004.61 | 1004.72 | 1004.72 | 1004.76 | 1004.85 | 1004.94 | 1005.02 | 1005.04 | 1004.69 |



S.V.I.R.CO. Observatory - Pressure in hectoPascal – December 2012

| day | hh | 00_05   | 05_10   | 10_15   | 15_20   | 20_25   | 25_30   | 30_35   | 35_40   | 40_45   | 45_50   | 50_55   | 55_60   | average |
|-----|----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 11  | 0  | 1005.02 | 1005.07 | 1005.12 | 1005.15 | 1005.21 | 1005.30 | 1005.43 | 1005.53 | 1005.58 | 1005.64 | 1005.76 | 1005.90 | 1005.41 |
|     | 1  | 1006.01 | 1006.03 | 1006.08 | 1006.13 | 1006.21 | 1006.25 | 1006.18 | 1006.19 | 1006.23 | 1006.26 | 1006.29 | 1006.31 | 1006.18 |
|     | 2  | 1006.44 | 1006.56 | 1006.61 | 1006.60 | 1006.50 | 1006.49 | 1006.60 | 1006.61 | 1006.64 | 1006.76 | 1006.88 | 1006.95 | 1006.63 |
|     | 3  | 1006.96 | 1006.94 | 1006.94 | 1006.98 | 1006.99 | 1007.02 | 1007.11 | 1007.18 | 1007.22 | 1007.29 | 1007.35 | 1007.36 | 1007.11 |
|     | 4  | 1007.32 | 1007.30 | 1007.34 | 1007.42 | 1007.47 | 1007.56 | 1007.72 | 1007.83 | 1007.90 | 1008.01 | 1008.13 | 1008.15 | 1007.68 |
|     | 5  | 1008.23 | 1008.37 | 1008.45 | 1008.48 | 1008.49 | 1008.52 | 1008.62 | 1008.73 | 1008.80 | 1008.88 | 1008.97 | 1009.07 | 1008.63 |
|     | 6  | 1009.19 | 1009.31 | 1009.41 | 1009.48 | 1009.56 | 1009.60 | 1009.63 | 1009.67 | 1009.68 | 1009.68 | 1009.69 | 1009.68 | 1009.55 |
|     | 7  | 1009.72 | 1009.80 | 1009.90 | 1010.02 | 1010.12 | 1010.22 | 1010.31 | 1010.40 | 1010.51 | 1010.59 | 1010.63 | 1010.67 | 1010.24 |
|     | 8  | 1010.70 | 1010.73 | 1010.76 | 1010.77 | 1010.78 | 1010.80 | 1010.83 | 1010.84 | 1010.86 | 1010.90 | 1010.96 | 1010.99 | 1010.83 |
|     | 9  | 1011.00 | 1011.03 | 1011.04 | 1011.04 | 1011.07 | 1011.08 | 1011.10 | 1011.11 | 1011.11 | 1011.12 | 1011.15 | 1011.16 | 1011.08 |
|     | 10 | 1011.15 | 1011.14 | 1011.16 | 1011.18 | 1011.16 | 1011.13 | 1011.11 | 1011.05 | 1011.00 | 1010.98 | 1010.93 | 1010.87 | 1011.07 |
|     | 11 | 1010.82 | 1010.81 | 1010.81 | 1010.82 | 1010.85 | 1010.86 | 1010.87 | 1010.85 | 1010.82 | 1010.78 | 1010.72 | 1010.67 | 1010.81 |
|     | 12 | 1010.64 | 1010.61 | 1010.58 | 1010.56 | 1010.54 | 1010.51 | 1010.50 | 1010.48 | 1010.45 | 1010.44 | 1010.42 | 1010.41 | 1010.51 |
|     | 13 | 1010.39 | 1010.36 | 1010.35 | 1010.37 | 1010.40 | 1010.41 | 1010.42 | 1010.44 | 1010.46 | 1010.48 | 1010.50 | 1010.50 | 1010.42 |
|     | 14 | 1010.47 | 1010.48 | 1010.50 | 1010.56 | 1010.63 | 1010.66 | 1010.70 | 1010.77 | 1010.81 | 1010.82 | 1010.81 | 1010.80 | 1010.67 |
|     | 15 | 1010.81 | 1010.82 | 1010.86 | 1010.94 | 1011.05 | 1011.13 | 1011.14 | 1011.15 | 1011.17 | 1011.20 | 1011.25 | 1011.31 | 1011.07 |
|     | 16 | 1011.36 | 1011.41 | 1011.47 | 1011.53 | 1011.58 | 1011.62 | 1011.67 | 1011.71 | 1011.74 | 1011.78 | 1011.84 | 1011.90 | 1011.63 |
|     | 17 | 1011.93 | 1011.92 | 1011.92 | 1011.96 | 1012.01 | 1012.03 | 1012.06 | 1012.12 | 1012.15 | 1012.16 | 1012.18 | 1012.23 | 1012.05 |
|     | 18 | 1012.25 | 1012.26 | 1012.28 | 1012.34 | 1012.43 | 1012.48 | 1012.49 | 1012.53 | 1012.58 | 1012.61 | 1012.63 | 1012.68 | 1012.46 |
|     | 19 | 1012.72 | 1012.78 | 1012.86 | 1012.95 | 1013.00 | 1013.01 | 1013.02 | 1013.06 | 1013.06 | 1013.07 | 1013.05 | 1013.01 | 1012.96 |
|     | 20 | 1012.99 | 1012.96 | 1012.93 | 1012.94 | 1012.96 | 1012.98 | 1012.99 | 1013.00 | 1013.03 | 1013.08 | 1013.11 | 1013.13 | 1013.01 |
|     | 21 | 1013.14 | 1013.17 | 1013.19 | 1013.20 | 1013.24 | 1013.30 | 1013.38 | 1013.48 | 1013.58 | 1013.63 | 1013.68 | 1013.75 | 1013.39 |
|     | 22 | 1013.83 | 1013.88 | 1013.90 | 1013.90 | 1013.93 | 1014.00 | 1014.04 | 1014.01 | 1013.98 | 1014.00 | 1014.03 | 1014.03 | 1013.96 |
|     | 23 | 1014.06 | 1014.10 | 1014.11 | 1014.15 | 1014.18 | 1014.20 | 1014.20 | 1014.22 | 1014.23 | 1014.22 | 1014.22 | 1014.24 | 1014.18 |
| 12  | 0  | 1014.32 | 1014.37 | 1014.40 | 1014.36 | 1014.33 | 1014.34 | 1014.33 | 1014.32 | 1014.34 | 1014.39 | 1014.46 | 1014.50 | 1014.37 |
|     | 1  | 1014.51 | 1014.58 | 1014.64 | 1014.67 | 1014.69 | 1014.74 | 1014.82 | 1014.88 | 1014.92 | 1014.93 | 1014.95 | 1014.95 | 1014.77 |
|     | 2  | 1014.93 | 1014.93 | 1014.95 | 1014.97 | 1014.98 | 1015.01 | 1015.04 | 1015.05 | 1015.05 | 1015.04 | 1015.05 | 1015.08 | 1015.01 |
|     | 3  | 1015.10 | 1015.11 | 1015.18 | 1015.24 | 1015.25 | 1015.26 | 1015.29 | 1015.34 | 1015.38 | 1015.41 | 1015.45 | 1015.46 | 1015.29 |
|     | 4  | 1015.47 | 1015.51 | 1015.55 | 1015.57 | 1015.62 | 1015.67 | 1015.70 | 1015.72 | 1015.74 | 1015.74 | 1015.73 | 1015.75 | 1015.65 |
|     | 5  | 1015.79 | 1015.84 | 1015.93 | 1016.01 | 1016.10 | 1016.16 | 1016.18 | 1016.19 | 1016.19 | 1016.21 | 1016.28 | 1016.36 | 1016.10 |
|     | 6  | 1016.41 | 1016.45 | 1016.50 | 1016.56 | 1016.62 | 1016.66 | 1016.70 | 1016.77 | 1016.86 | 1016.99 | 1017.09 | 1017.16 | 1016.73 |
|     | 7  | 1017.23 | 1017.31 | 1017.37 | 1017.39 | 1017.42 | 1017.47 | 1017.54 | 1017.61 | 1017.67 | 1017.71 | 1017.76 | 1017.80 | 1017.52 |
|     | 8  | 1017.83 | 1017.85 | 1017.84 | 1017.83 | 1017.83 | 1017.88 | 1017.96 | 1018.03 | 1018.10 | 1018.15 | 1018.18 | 1018.21 | 1017.97 |
|     | 9  | 1018.26 | 1018.33 | 1018.38 | 1018.41 | 1018.42 | 1018.43 | 1018.44 | 1018.46 | 1018.47 | 1018.45 | 1018.41 | 1018.38 | 1018.40 |
|     | 10 | 1018.39 | 1018.41 | 1018.39 | 1018.37 | 1018.36 | 1018.37 | 1018.39 | 1018.40 | 1018.41 | 1018.40 | 1018.39 | 1018.38 | 1018.39 |
|     | 11 | 1018.36 | 1018.33 | 1018.30 | 1018.31 | 1018.30 | 1018.27 | 1018.23 | 1018.19 | 1018.16 | 1018.13 | 1018.11 | 1018.10 | 1018.23 |
|     | 12 | 1018.08 | 1018.07 | 1018.06 | 1018.04 | 1018.04 | 1018.03 | 1018.01 | 1018.00 | 1017.98 | 1017.99 | 1018.01 | 1018.01 | 1018.02 |
|     | 13 | 1018.02 | 1018.02 | 1017.99 | 1018.00 | 1018.03 | 1018.02 | 1018.04 | 1018.05 | 1018.05 | 1018.11 | 1018.17 | 1018.22 | 1018.06 |
|     | 14 | 1018.29 | 1018.29 | 1018.27 | 1018.29 | 1018.28 | 1018.28 | 1018.29 | 1018.29 | 1018.32 | 1018.36 | 1018.41 | 1018.45 | 1018.32 |
|     | 15 | 1018.48 | 1018.49 | 1018.49 | 1018.49 | 1018.49 | 1018.49 | 1018.49 | 1018.50 | 1018.52 | 1018.53 | 1018.55 | 1018.60 | 1018.51 |
|     | 16 | 1018.63 | 1018.67 | 1018.71 | 1018.75 | 1018.79 | 1018.83 | 1018.87 | 1018.93 | 1018.97 | 1018.99 | 1018.98 | 1018.96 | 1018.84 |
|     | 17 | 1018.96 | 1019.00 | 1019.06 | 1019.07 | 1019.08 | 1019.11 | 1019.14 | 1019.19 | 1019.28 | 1019.36 | 1019.43 | 1019.49 | 1019.18 |
|     | 18 | 1019.55 | 1019.59 | 1019.60 | 1019.64 | 1019.69 | 1019.75 | 1019.78 | 1019.77 | 1019.78 | 1019.83 | 1019.89 | 1019.96 | 1019.73 |
|     | 19 | 1020.01 | 1020.03 | 1020.06 | 1020.09 | 1020.12 | 1020.13 | 1020.16 | 1020.21 | 1020.23 | 1020.27 | 1020.34 | 1020.42 | 1020.17 |
|     | 20 | 1020.46 | 1020.47 | 1020.48 | 1020.47 | 1020.50 | 1020.52 | 1020.53 | 1020.53 | 1020.56 | 1020.61 | 1020.65 | 1020.69 | 1020.54 |
|     | 21 | 1020.73 | 1020.74 | 1020.74 | 1020.74 | 1020.74 | 1020.75 | 1020.80 | 1020.85 | 1020.88 | 1020.89 | 1020.92 | 1020.97 | 1020.81 |
|     | 22 | 1021.02 | 1021.05 | 1021.07 | 1021.09 | 1021.09 | 1021.12 | 1021.18 | 1021.21 | 1021.24 | 1021.27 | 1021.30 | 1021.29 | 1021.16 |
|     | 23 | 1021.24 | 1021.20 | 1021.14 | 1021.09 | 1021.10 | 1021.09 | 1021.05 | 1021.04 | 1021.06 | 1021.07 | 1021.08 | 1021.14 | 1021.11 |

S.V.I.R.CO. Observatory - Pressure in hectoPascal – December 2012

| day | hh | 00_05   | 05_10   | 10_15   | 15_20   | 20_25   | 25_30   | 30_35   | 35_40   | 40_45   | 45_50   | 50_55   | 55_60   | average |
|-----|----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 13  | 0  | 1021.20 | 1021.21 | 1021.20 | 1021.20 | 1021.23 | 1021.27 | 1021.28 | 1021.29 | 1021.29 | 1021.29 | 1021.29 | 1021.30 | 1021.25 |
|     | 1  | 1021.33 | 1021.32 | 1021.27 | 1021.27 | 1021.31 | 1021.33 | 1021.36 | 1021.38 | 1021.37 | 1021.37 | 1021.35 | 1021.30 | 1021.33 |
|     | 2  | 1021.25 | 1021.25 | 1021.26 | 1021.26 | 1021.29 | 1021.31 | 1021.31 | 1021.27 | 1021.24 | 1021.25 | 1021.23 | 1021.21 | 1021.26 |
|     | 3  | 1021.21 | 1021.20 | 1021.14 | 1021.09 | 1021.06 | 1021.02 | 1021.01 | 1020.99 | 1020.97 | 1020.97 | 1020.95 | 1020.96 | 1021.04 |
|     | 4  | 1021.01 | 1021.05 | 1021.04 | 1021.04 | 1021.04 | 1021.01 | 1020.97 | 1020.91 | 1020.88 | 1020.89 | 1020.89 | 1020.88 | 1020.96 |
|     | 5  | 1020.84 | 1020.81 | 1020.80 | 1020.78 | 1020.77 | 1020.81 | 1020.87 | 1020.91 | 1020.93 | 1020.91 | 1020.90 | 1020.90 | 1020.85 |
|     | 6  | 1020.89 | 1020.88 | 1020.88 | 1020.90 | 1020.92 | 1020.94 | 1020.98 | 1020.97 | 1020.98 | 1021.02 | 1021.06 | 1021.08 | 1020.96 |
|     | 7  | 1021.10 | 1021.13 | 1021.13 | 1021.12 | 1021.17 | 1021.21 | 1021.25 | 1021.31 | 1021.35 | 1021.36 | 1021.36 | 1021.36 | 1021.24 |
|     | 8  | 1021.39 | 1021.42 | 1021.45 | 1021.50 | 1021.53 | 1021.51 | 1021.48 | 1021.50 | 1021.54 | 1021.56 | 1021.62 | 1021.69 | 1021.51 |
|     | 9  | 1021.71 | 1021.70 | 1021.72 | 1021.75 | 1021.77 | 1021.80 | 1021.81 | 1021.79 | 1021.75 | 1021.70 | 1021.67 | 1021.61 | 1021.73 |
|     | 10 | 1021.52 | 1021.43 | 1021.37 | 1021.33 | 1021.31 | 1021.26 | 1021.24 | 1021.20 | 1021.15 | 1021.15 | 1021.13 | 1021.08 | 1021.26 |
|     | 11 | 1021.03 | 1021.00 | 1020.98 | 1020.97 | 1020.97 | 1020.96 | 1020.95 | 1020.96 | 1020.95 | 1020.92 | 1020.87 | 1020.84 | 1020.95 |
|     | 12 | 1020.80 | 1020.75 | 1020.73 | 1020.71 | 1020.67 | 1020.62 | 1020.57 | 1020.51 | 1020.45 | 1020.40 | 1020.32 | 1020.26 | 1020.56 |
|     | 13 | 1020.24 | 1020.24 | 1020.20 | 1020.14 | 1020.11 | 1020.09 | 1020.07 | 1020.06 | 1020.07 | 1020.07 | 1020.03 | 1019.99 | 1020.11 |
|     | 14 | 1019.97 | 1019.95 | 1019.95 | 1019.99 | 1020.03 | 1020.05 | 1020.07 | 1020.10 | 1020.10 | 1020.11 | 1020.14 | 1020.16 | 1020.05 |
|     | 15 | 1020.11 | 1019.99 | 1019.88 | 1019.82 | 1019.83 | 1019.84 | 1019.79 | 1019.74 | 1019.67 | 1019.64 | 1019.65 | 1019.65 | 1019.80 |
|     | 16 | 1019.65 | 1019.65 | 1019.63 | 1019.58 | 1019.58 | 1019.61 | 1019.57 | 1019.54 | 1019.50 | 1019.50 | 1019.57 | 1019.59 | 1019.58 |
|     | 17 | 1019.62 | 1019.57 | 1019.51 | 1019.54 | 1019.62 | 1019.66 | 1019.64 | 1019.66 | 1019.70 | 1019.72 | 1019.70 | 1019.66 | 1019.63 |
|     | 18 | 1019.62 | 1019.64 | 1019.68 | 1019.71 | 1019.71 | 1019.67 | 1019.66 | 1019.65 | 1019.61 | 1019.58 | 1019.58 | 1019.60 | 1019.64 |
|     | 19 | 1019.65 | 1019.68 | 1019.71 | 1019.76 | 1019.76 | 1019.75 | 1019.76 | 1019.77 | 1019.80 | 1019.78 | 1019.74 | 1019.69 | 1019.73 |
|     | 20 | 1019.65 | 1019.65 | 1019.71 | 1019.76 | 1019.78 | 1019.80 | 1019.81 | 1019.80 | 1019.79 | 1019.76 | 1019.72 | 1019.67 | 1019.74 |
|     | 21 | 1019.61 | 1019.59 | 1019.58 | 1019.55 | 1019.58 | 1019.62 | 1019.64 | 1019.63 | 1019.61 | 1019.65 | 1019.66 | 1019.62 | 1019.61 |
|     | 22 | 1019.60 | 1019.56 | 1019.55 | 1019.54 | 1019.49 | 1019.46 | 1019.48 | 1019.50 | 1019.47 | 1019.41 | 1019.36 | 1019.36 | 1019.48 |
|     | 23 | 1019.39 | 1019.33 | 1019.25 | 1019.21 | 1019.15 | 1019.07 | 1018.97 | 1018.86 | 1018.78 | 1018.73 | 1018.69 | 1018.62 | 1019.00 |
| 14  | 0  | 1018.43 | 1018.42 | 1018.43 | 1018.41 | 1018.34 | 1018.24 | 1018.18 | 1018.18 | 1018.18 | 1018.20 | 1018.16 | 1018.11 | 1018.26 |
|     | 1  | 1018.05 | 1018.02 | 1018.00 | 1017.97 | 1017.97 | 1017.94 | 1017.91 | 1017.89 | 1017.85 | 1017.82 | 1017.74 | 1017.61 | 1017.90 |
|     | 2  | 1017.54 | 1017.55 | 1017.56 | 1017.54 | 1017.49 | 1017.45 | 1017.40 | 1017.32 | 1017.27 | 1017.26 | 1017.22 | 1017.13 | 1017.39 |
|     | 3  | 1017.02 | 1016.90 | 1016.81 | 1016.78 | 1016.81 | 1016.81 | 1016.80 | 1016.85 | 1016.85 | 1016.78 | 1016.67 | 1016.59 | 1016.80 |
|     | 4  | 1016.54 | 1016.52 | 1016.51 | 1016.49 | 1016.46 | 1016.40 | 1016.41 | 1016.46 | 1016.46 | 1016.48 | 1016.54 | 1016.57 | 1016.48 |
|     | 5  | 1016.59 | 1016.62 | 1016.60 | 1016.55 | 1016.53 | 1016.50 | 1016.41 | 1016.34 | 1016.34 | 1016.31 | 1016.27 | 1016.27 | 1016.44 |
|     | 6  | 1016.21 | 1016.16 | 1016.13 | 1016.11 | 1016.12 | 1016.18 | 1016.23 | 1016.23 | 1016.19 | 1016.17 | 1016.16 | 1016.14 | 1016.17 |
|     | 7  | 1016.19 | 1016.26 | 1016.28 | 1016.28 | 1016.35 | 1016.42 | 1016.46 | 1016.47 | 1016.53 | 1016.64 | 1016.69 | 1016.69 | 1016.44 |
|     | 8  | 1016.67 | 1016.65 | 1016.61 | 1016.59 | 1016.60 | 1016.62 | 1016.66 | 1016.71 | 1016.77 | 1016.83 | 1016.89 | 1016.97 | 1016.71 |
|     | 9  | 1017.06 | 1017.16 | 1017.18 | 1017.15 | 1017.18 | 1017.23 | 1017.25 | 1017.31 | 1017.34 | 1017.26 | 1017.20 | 1017.19 | 1017.21 |
|     | 10 | 1017.20 | 1017.17 | 1017.07 | 1017.04 | 1017.07 | 1017.10 | 1017.08 | 1017.04 | 1016.95 | 1016.86 | 1016.79 | 1016.75 | 1017.01 |
|     | 11 | 1016.70 | 1016.62 | 1016.58 | 1016.60 | 1016.62 | 1016.61 | 1016.57 | 1016.52 | 1016.47 | 1016.44 | 1016.43 | 1016.37 | 1016.54 |
|     | 12 | 1016.26 | 1016.21 | 1016.23 | 1016.19 | 1016.12 | 1016.06 | 1016.03 | 1016.04 | 1016.02 | 1016.02 | 1016.07 | 1016.12 | 1016.11 |
|     | 13 | 1016.14 | 1016.16 | 1016.20 | 1016.21 | 1016.22 | 1016.30 | 1016.37 | 1016.42 | 1016.47 | 1016.53 | 1016.61 | 1016.70 | 1016.36 |
|     | 14 | 1016.80 | 1016.87 | 1016.95 | 1017.00 | 1017.00 | 1016.95 | 1016.97 | 1016.98 | 1016.92 | 1016.91 | 1016.95 | 1017.01 | 1016.94 |
|     | 15 | 1017.05 | 1017.07 | 1017.09 | 1017.10 | 1017.13 | 1017.15 | 1017.13 | 1017.09 | 1017.09 | 1017.12 | 1017.15 | 1017.19 | 1017.11 |
|     | 16 | 1017.22 | 1017.26 | 1017.28 | 1017.30 | 1017.31 | 1017.32 | 1017.34 | 1017.33 | 1017.37 | 1017.38 | 1017.36 | 1017.35 | 1017.32 |
|     | 17 | 1017.32 | 1017.31 | 1017.34 | 1017.36 | 1017.38 | 1017.41 | 1017.46 | 1017.50 | 1017.51 | 1017.53 | 1017.61 | 1017.65 | 1017.45 |
|     | 18 | 1017.63 | 1017.62 | 1017.61 | 1017.59 | 1017.63 | 1017.62 | 1017.58 | 1017.62 | 1017.71 | 1017.79 | 1017.84 | 1017.86 | 1017.67 |
|     | 19 | 1017.86 | 1017.87 | 1017.91 | 1017.90 | 1017.88 | 1017.91 | 1017.89 | 1017.86 | 1017.89 | 1017.92 | 1017.94 | 1017.94 | 1017.89 |
|     | 20 | 1017.96 | 1017.98 | 1017.98 | 1018.03 | 1018.09 | 1018.10 | 1018.09 | 1018.08 | 1018.07 | 1018.07 | 1018.08 | 1018.09 | 1018.05 |
|     | 21 | 1018.10 | 1018.10 | 1018.14 | 1018.18 | 1018.14 | 1018.14 | 1018.18 | 1018.15 | 1018.12 | 1018.12 | 1018.16 | 1018.17 | 1018.14 |
|     | 22 | 1018.08 | 1018.02 | 1018.00 | 1018.00 | 1018.06 | 1018.07 | 1018.03 | 1018.04 | 1018.08 | 1018.06 | 1017.97 | 1017.89 | 1018.02 |
|     | 23 | 1017.84 | 1017.80 | 1017.76 | 1017.74 | 1017.70 | 1017.69 | 1017.69 | 1017.68 | 1017.69 | 1017.74 | 1017.80 | 1017.85 | 1017.75 |

S.V.I.R.CO. Observatory - Pressure in hectoPascal – December 2012

| day | hh | 00_05   | 05_10   | 10_15   | 15_20   | 20_25   | 25_30   | 30_35   | 35_40   | 40_45   | 45_50   | 50_55   | 55_60   | average |
|-----|----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 15  | 0  | 1017.82 | 1017.83 | 1017.81 | 1017.82 | 1017.86 | 1017.92 | 1018.01 | 1018.04 | 1017.93 | 1017.85 | 1017.90 | 1017.92 | 1017.89 |
|     | 1  | 1017.94 | 1018.05 | 1018.16 | 1018.18 | 1018.11 | 1018.09 | 1018.18 | 1018.19 | 1018.09 | 1018.02 | 1018.04 | 1018.03 | 1018.09 |
|     | 2  | 1018.00 | 1017.97 | 1017.89 | 1017.80 | 1017.72 | 1017.64 | 1017.60 | 1017.61 | 1017.57 | 1017.49 | 1017.37 | 1017.30 | 1017.66 |
|     | 3  | 1017.23 | 1017.16 | 1017.11 | 1017.06 | 1017.07 | 1017.11 | 1017.10 | 1017.06 | 1017.07 | 1017.11 | 1017.10 | 1017.07 | 1017.10 |
|     | 4  | 1017.08 | 1017.10 | 1017.11 | 1017.21 | 1017.31 | 1017.31 | 1017.35 | 1017.38 | 1017.38 | 1017.43 | 1017.48 | 1017.49 | 1017.30 |
|     | 5  | 1017.50 | 1017.52 | 1017.52 | 1017.49 | 1017.48 | 1017.52 | 1017.60 | 1017.63 | 1017.67 | 1017.74 | 1017.81 | 1017.85 | 1017.61 |
|     | 6  | 1017.87 | 1017.92 | 1017.97 | 1017.96 | 1017.97 | 1017.97 | 1017.97 | 1018.00 | 1018.02 | 1017.99 | 1018.01 | 1018.02 | 1017.97 |
|     | 7  | 1017.97 | 1017.95 | 1017.88 | 1017.78 | 1017.71 | 1017.71 | 1017.77 | 1017.86 | 1017.86 | 1017.81 | 1017.79 | 1017.76 | 1017.82 |
|     | 8  | 1017.71 | 1017.64 | 1017.59 | 1017.55 | 1017.50 | 1017.48 | 1017.45 | 1017.41 | 1017.38 | 1017.35 | 1017.36 | 1017.34 | 1017.48 |
|     | 9  | 1017.26 | 1017.13 | 1017.11 | 1017.15 | 1017.12 | 1017.17 | 1017.25 | 1017.28 | 1017.28 | 1017.30 | 1017.31 | 1017.26 | 1017.22 |
|     | 10 | 1017.23 | 1017.24 | 1017.23 | 1017.19 | 1017.16 | 1017.10 | 1016.99 | 1016.95 | 1016.97 | 1017.06 | 1017.09 | 1016.99 | 1017.10 |
|     | 11 | 1016.89 | 1016.84 | 1016.73 | 1016.55 | 1016.46 | 1016.45 | 1016.45 | 1016.40 | 1016.29 | 1016.26 | 1016.30 | 1016.24 | 1016.49 |
|     | 12 | 1016.11 | 1016.03 | 1015.91 | 1015.78 | 1015.69 | 1015.64 | 1015.59 | 1015.51 | 1015.45 | 1015.46 | 1015.52 | 1015.54 | 1015.68 |
|     | 13 | 1015.52 | 1015.50 | 1015.52 | 1015.65 | 1015.74 | 1015.74 | 1015.72 | 1015.71 | 1015.70 | 1015.66 | 1015.63 | 1015.65 | 1015.64 |
|     | 14 | 1015.72 | 1015.75 | 1015.68 | 1015.66 | 1015.69 | 1015.72 | 1015.76 | 1015.72 | 1015.66 | 1015.62 | 1015.59 | 1015.62 | 1015.68 |
|     | 15 | 1015.61 | 1015.62 | 1015.61 | 1015.59 | 1015.64 | 1015.64 | 1015.63 | 1015.65 | 1015.63 | 1015.57 | 1015.47 | 1015.41 | 1015.59 |
|     | 16 | 1015.35 | 1015.29 | 1015.35 | 1015.39 | 1015.33 | 1015.30 | 1015.24 | 1015.18 | 1015.13 | 1015.07 | 1015.05 | 1015.05 | 1015.23 |
|     | 17 | 1015.01 | 1014.97 | 1014.94 | 1014.96 | 1014.97 | 1014.98 | 1015.04 | 1015.09 | 1015.07 | 1015.07 | 1015.11 | 1015.12 | 1015.03 |
|     | 18 | 1015.14 | 1015.16 | 1015.23 | 1015.32 | 1015.41 | 1015.53 | 1015.65 | 1015.70 | 1015.69 | 1015.67 | 1015.67 | 1015.65 | 1015.48 |
|     | 19 | 1015.60 | 1015.51 | 1015.39 | 1015.41 | 1015.52 | 1015.55 | 1015.54 | 1015.53 | 1015.54 | 1015.58 | 1015.53 | 1015.48 | 1015.51 |
|     | 20 | 1015.59 | 1015.67 | 1015.59 | 1015.50 | 1015.45 | 1015.42 | 1015.43 | 1015.46 | 1015.49 | 1015.51 | 1015.49 | 1015.51 | 1015.51 |
|     | 21 | 1015.50 | 1015.43 | 1015.46 | 1015.54 | 1015.63 | 1015.67 | 1015.70 | 1015.74 | 1015.73 | 1015.75 | 1015.74 | 1015.78 | 1015.64 |
|     | 22 | 1015.81 | 1015.78 | 1015.78 | 1015.80 | 1015.84 | 1015.84 | 1015.81 | 1015.78 | 1015.79 | 1015.81 | 1015.79 | 1015.77 | 1015.80 |
|     | 23 | 1015.80 | 1015.87 | 1015.88 | 1015.80 | 1015.75 | 1015.77 | 1015.75 | 1015.70 | 1015.62 | 1015.57 | 1015.56 | 1015.55 | 1015.72 |
| 16  | 0  | 1015.68 | 1015.69 | 1015.69 | 1015.65 | 1015.62 | 1015.59 | 1015.56 | 1015.56 | 1015.58 | 1015.60 | 1015.63 | 1015.69 | 1015.62 |
|     | 1  | 1015.72 | 1015.72 | 1015.73 | 1015.75 | 1015.74 | 1015.67 | 1015.62 | 1015.63 | 1015.67 | 1015.68 | 1015.67 | 1015.64 | 1015.68 |
|     | 2  | 1015.57 | 1015.51 | 1015.47 | 1015.41 | 1015.33 | 1015.30 | 1015.23 | 1015.16 | 1015.10 | 1015.04 | 1014.98 | 1014.96 | 1015.25 |
|     | 3  | 1014.99 | 1014.91 | 1014.81 | 1014.84 | 1014.85 | 1014.73 | 1014.63 | 1014.72 | 1014.75 | 1014.69 | 1014.74 | 1014.80 | 1014.79 |
|     | 4  | 1014.76 | 1014.71 | 1014.80 | 1014.91 | 1014.94 | 1014.97 | 1015.00 | 1014.96 | 1015.02 | 1015.16 | 1015.12 | 1015.02 | 1014.95 |
|     | 5  | 1014.97 | 1014.94 | 1014.99 | 1014.97 | 1014.96 | 1015.03 | 1015.03 | 1014.97 | 1015.00 | 1014.98 | 1014.96 | 1014.92 | 1014.97 |
|     | 6  | 1014.74 | 1014.60 | 1014.77 | 1014.95 | 1015.03 | 1015.20 | 1015.30 | 1015.40 | 1015.46 | 1015.42 | 1015.34 | 1015.25 | 1015.12 |
|     | 7  | 1015.35 | 1015.49 | 1015.47 | 1015.41 | 1015.37 | 1015.43 | 1015.51 | 1015.52 | 1015.48 | 1015.47 | 1015.57 | 1015.63 | 1015.47 |
|     | 8  | 1015.60 | 1015.59 | 1015.57 | 1015.57 | 1015.59 | 1015.60 | 1015.64 | 1015.70 | 1015.71 | 1015.73 | 1015.82 | 1015.87 | 1015.66 |
|     | 9  | 1015.94 | 1015.99 | 1015.92 | 1015.84 | 1015.83 | 1015.81 | 1015.83 | 1015.88 | 1015.88 | 1015.87 | 1015.83 | 1015.75 | 1015.86 |
|     | 10 | 1015.66 | 1015.65 | 1015.73 | 1015.78 | 1015.72 | 1015.60 | 1015.47 | 1015.39 | 1015.38 | 1015.37 | 1015.33 | 1015.24 | 1015.52 |
|     | 11 | 1015.08 | 1014.96 | 1014.93 | 1014.94 | 1014.96 | 1014.99 | 1015.00 | 1014.93 | 1014.83 | 1014.76 | 1014.72 | 1014.72 | 1014.90 |
|     | 12 | 1014.66 | 1014.52 | 1014.39 | 1014.30 | 1014.20 | 1014.09 | 1013.97 | 1013.88 | 1013.79 | 1013.73 | 1013.70 | 1013.68 | 1014.07 |
|     | 13 | 1013.70 | 1013.67 | 1013.62 | 1013.60 | 1013.59 | 1013.54 | 1013.48 | 1013.46 | 1013.45 | 1013.45 | 1013.42 | 1013.36 | 1013.53 |
|     | 14 | 1013.33 | 1013.31 | 1013.28 | 1013.25 | 1013.22 | 1013.22 | 1013.24 | 1013.26 | 1013.26 | 1013.28 | 1013.30 | 1013.31 | 1013.27 |
|     | 15 | 1013.30 | 1013.28 | 1013.28 | 1013.29 | 1013.30 | 1013.30 | 1013.30 | 1013.33 | 1013.32 | 1013.28 | 1013.22 | 1013.20 | 1013.28 |
|     | 16 | 1013.21 | 1013.22 | 1013.23 | 1013.19 | 1013.14 | 1013.13 | 1013.12 | 1013.12 | 1013.15 | 1013.17 | 1013.16 | 1013.09 | 1013.16 |
|     | 17 | 1013.02 | 1012.98 | 1012.96 | 1012.97 | 1012.96 | 1013.01 | 1013.07 | 1013.04 | 1013.01 | 1013.05 | 1013.08 | 1013.10 | 1013.02 |
|     | 18 | 1013.08 | 1013.07 | 1013.10 | 1013.13 | 1013.15 | 1013.15 | 1013.19 | 1013.26 | 1013.32 | 1013.31 | 1013.29 | 1013.26 | 1013.19 |
|     | 19 | 1013.27 | 1013.30 | 1013.29 | 1013.27 | 1013.25 | 1013.19 | 1013.17 | 1013.12 | 1013.01 | 1012.96 | 1012.94 | 1012.93 | 1013.14 |
|     | 20 | 1012.91 | 1012.88 | 1012.84 | 1012.80 | 1012.83 | 1012.86 | 1012.84 | 1012.82 | 1012.81 | 1012.79 | 1012.74 | 1012.69 | 1012.81 |
|     | 21 | 1012.67 | 1012.69 | 1012.78 | 1012.88 | 1012.96 | 1013.01 | 1013.01 | 1012.96 | 1012.95 | 1013.02 | 1013.03 | 1012.94 | 1012.91 |
|     | 22 | 1012.85 | 1012.83 | 1012.86 | 1012.90 | 1012.93 | 1012.91 | 1012.82 | 1012.75 | 1012.70 | 1012.71 | 1012.75 | 1012.76 | 1012.81 |
|     | 23 | 1012.75 | 1012.74 | 1012.79 | 1012.82 | 1012.78 | 1012.72 | 1012.63 | 1012.56 | 1012.51 | 1012.43 | 1012.34 | 1012.27 | 1012.61 |

S.V.I.R.CO. Observatory - Pressure in hectoPascal – December 2012

| day | hh | 00_05   | 05_10   | 10_15   | 15_20   | 20_25   | 25_30   | 30_35   | 35_40   | 40_45   | 45_50   | 50_55   | 55_60   | average |
|-----|----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 17  | 0  | 1012.22 | 1012.20 | 1012.17 | 1012.16 | 1012.17 | 1012.18 | 1012.18 | 1012.19 | 1012.20 | 1012.25 | 1012.25 | 1012.15 | 1012.19 |
|     | 1  | 1012.12 | 1012.13 | 1012.10 | 1012.04 | 1011.99 | 1012.03 | 1012.08 | 1012.09 | 1012.10 | 1012.02 | 1011.91 | 1011.85 | 1012.04 |
|     | 2  | 1011.77 | 1011.77 | 1011.84 | 1011.83 | 1011.77 | 1011.70 | 1011.64 | 1011.61 | 1011.54 | 1011.49 | 1011.46 | 1011.41 | 1011.65 |
|     | 3  | 1011.36 | 1011.32 | 1011.35 | 1011.45 | 1011.55 | 1011.63 | 1011.61 | 1011.56 | 1011.56 | 1011.43 | 1011.23 | 1011.15 | 1011.43 |
|     | 4  | 1011.17 | 1011.17 | 1011.15 | 1011.04 | 1010.81 | 1010.64 | 1010.57 | 1010.48 | 1010.47 | 1010.49 | 1010.46 | 1010.47 | 1010.74 |
|     | 5  | 1010.54 | 1010.63 | 1010.62 | 1010.55 | 1010.53 | 1010.48 | 1010.39 | 1010.45 | 1010.60 | 1010.68 | 1010.74 | 1010.75 | 1010.58 |
|     | 6  | 1010.69 | 1010.67 | 1010.66 | 1010.64 | 1010.64 | 1010.62 | 1010.58 | 1010.59 | 1010.62 | 1010.66 | 1010.70 | 1010.66 | 1010.64 |
|     | 7  | 1010.62 | 1010.62 | 1010.60 | 1010.51 | 1010.42 | 1010.40 | 1010.41 | 1010.40 | 1010.40 | 1010.42 | 1010.45 | 1010.50 | 1010.48 |
|     | 8  | 1010.53 | 1010.56 | 1010.56 | 1010.55 | 1010.54 | 1010.56 | 1010.56 | 1010.51 | 1010.51 | 1010.55 | 1010.60 | 1010.56 | 1010.55 |
|     | 9  | 1010.49 | 1010.48 | 1010.49 | 1010.40 | 1010.26 | 1010.14 | 1010.06 | 1010.04 | 1010.03 | 1009.99 | 1009.90 | 1009.83 | 1010.17 |
|     | 10 | 1009.81 | 1009.76 | 1009.74 | 1009.71 | 1009.65 | 1009.62 | 1009.57 | 1009.54 | 1009.49 | 1009.42 | 1009.35 | 1009.29 | 1009.58 |
|     | 11 | 1009.20 | 1009.04 | 1008.90 | 1008.83 | 1008.82 | 1008.84 | 1008.81 | 1008.72 | 1008.64 | 1008.53 | 1008.42 | 1008.37 | 1008.76 |
|     | 12 | 1008.36 | 1008.33 | 1008.27 | 1008.18 | 1008.06 | 1007.93 | 1007.88 | 1007.82 | 1007.70 | 1007.58 | 1007.48 | 1007.43 | 1007.92 |
|     | 13 | 1007.38 | 1007.29 | 1007.21 | 1007.17 | 1007.12 | 1007.06 | 1006.99 | 1006.92 | 1006.84 | 1006.75 | 1006.70 | 1006.67 | 1007.01 |
|     | 14 | 1006.58 | 1006.45 | 1006.36 | 1006.34 | 1006.37 | 1006.37 | 1006.29 | 1006.23 | 1006.21 | 1006.18 | 1006.18 | 1006.20 | 1006.31 |
|     | 15 | 1006.25 | 1006.25 | 1006.21 | 1006.17 | 1006.12 | 1006.05 | 1006.01 | 1006.08 | 1006.14 | 1006.09 | 1006.13 | 1006.22 | 1006.14 |
|     | 16 | 1006.30 | 1006.50 | 1006.78 | 1006.94 | 1006.98 | 1007.03 | 1007.16 | 1007.18 | 1007.15 | 1007.18 | 1007.26 | 1007.30 | 1006.98 |
|     | 17 | 1007.26 | 1007.27 | 1007.30 | 1007.32 | 1007.33 | 1007.36 | 1007.39 | 1007.43 | 1007.44 | 1007.42 | 1007.46 | 1007.49 | 1007.37 |
|     | 18 | 1007.46 | 1007.40 | 1007.42 | 1007.46 | 1007.50 | 1007.48 | 1007.46 | 1007.51 | 1007.55 | 1007.60 | 1007.65 | 1007.63 | 1007.51 |
|     | 19 | 1007.63 | 1007.67 | 1007.75 | 1007.79 | 1007.78 | 1007.78 | 1007.76 | 1007.77 | 1007.80 | 1007.78 | 1007.78 | 1007.80 | 1007.76 |
|     | 20 | 1007.82 | 1007.85 | 1007.85 | 1007.86 | 1007.90 | 1007.90 | 1007.86 | 1007.83 | 1007.80 | 1007.73 | 1007.68 | 1007.73 | 1007.82 |
|     | 21 | 1007.82 | 1007.87 | 1007.86 | 1007.86 | 1007.92 | 1007.98 | 1008.01 | 1008.05 | 1008.08 | 1008.08 | 1008.08 | 1008.09 | 1007.97 |
|     | 22 | 1008.17 | 1008.26 | 1008.28 | 1008.30 | 1008.34 | 1008.44 | 1008.54 | 1008.62 | 1008.70 | 1008.74 | 1008.77 | 1008.80 | 1008.49 |
|     | 23 | 1008.71 | 1008.57 | 1008.44 | 1008.37 | 1008.40 | 1008.47 | 1008.49 | 1008.47 | 1008.44 | 1008.45 | 1008.45 | 1008.42 | 1008.47 |
| 18  | 0  | 1008.39 | 1008.41 | 1008.47 | 1008.52 | 1008.53 | 1008.52 | 1008.50 | 1008.51 | 1008.56 | 1008.56 | 1008.54 | 1008.57 | 1008.51 |
|     | 1  | 1008.63 | 1008.67 | 1008.69 | 1008.71 | 1008.71 | 1008.70 | 1008.66 | 1008.61 | 1008.56 | 1008.55 | 1008.51 | 1008.55 | 1008.63 |
|     | 2  | 1008.60 | 1008.58 | 1008.57 | 1008.56 | 1008.54 | 1008.54 | 1008.55 | 1008.54 | 1008.53 | 1008.49 | 1008.45 | 1008.41 | 1008.53 |
|     | 3  | 1008.36 | 1008.37 | 1008.39 | 1008.38 | 1008.29 | 1008.20 | 1008.20 | 1008.22 | 1008.24 | 1008.28 | 1008.33 | 1008.35 | 1008.30 |
|     | 4  | 1008.34 | 1008.27 | 1008.24 | 1008.27 | 1008.29 | 1008.28 | 1008.27 | 1008.27 | 1008.33 | 1008.47 | 1008.51 | 1008.48 | 1008.34 |
|     | 5  | 1008.43 | 1008.37 | 1008.39 | 1008.41 | 1008.43 | 1008.50 | 1008.48 | 1008.40 | 1008.46 | 1008.57 | 1008.59 | 1008.62 | 1008.47 |
|     | 6  | 1008.70 | 1008.77 | 1008.72 | 1008.70 | 1008.74 | 1008.75 | 1008.82 | 1008.91 | 1008.94 | 1008.92 | 1008.87 | 1008.91 | 1008.81 |
|     | 7  | 1008.99 | 1009.04 | 1009.07 | 1009.06 | 1009.07 | 1009.11 | 1009.18 | 1009.27 | 1009.33 | 1009.34 | 1009.31 | 1009.31 | 1009.17 |
|     | 8  | 1009.38 | 1009.46 | 1009.53 | 1009.58 | 1009.66 | 1009.73 | 1009.78 | 1009.81 | 1009.81 | 1009.84 | 1009.84 | 1009.82 | 1009.68 |
|     | 9  | 1009.75 | 1009.68 | 1009.71 | 1009.75 | 1009.78 | 1009.80 | 1009.77 | 1009.74 | 1009.70 | 1009.61 | 1009.57 | 1009.61 | 1009.70 |
|     | 10 | 1009.61 | 1009.52 | 1009.43 | 1009.39 | 1009.40 | 1009.45 | 1009.46 | 1009.41 | 1009.37 | 1009.37 | 1009.40 | 1009.43 | 1009.44 |
|     | 11 | 1009.49 | 1009.50 | 1009.42 | 1009.35 | 1009.30 | 1009.28 | 1009.24 | 1009.18 | 1009.14 | 1009.12 | 1009.10 | 1009.06 | 1009.26 |
|     | 12 | 1008.98 | 1008.85 | 1008.79 | 1008.75 | 1008.71 | 1008.68 | 1008.63 | 1008.62 | 1008.60 | 1008.59 | 1008.61 | 1008.63 | 1008.70 |
|     | 13 | 1008.62 | 1008.56 | 1008.52 | 1008.50 | 1008.47 | 1008.43 | 1008.38 | 1008.33 | 1008.31 | 1008.30 | 1008.29 | 1008.33 | 1008.42 |
|     | 14 | 1008.40 | 1008.44 | 1008.49 | 1008.56 | 1008.57 | 1008.58 | 1008.59 | 1008.60 | 1008.59 | 1008.58 | 1008.56 | 1008.55 | 1008.54 |
|     | 15 | 1008.55 | 1008.54 | 1008.57 | 1008.63 | 1008.66 | 1008.71 | 1008.81 | 1008.88 | 1008.90 | 1008.91 | 1008.93 | 1008.92 | 1008.75 |
|     | 16 | 1008.91 | 1008.98 | 1009.08 | 1009.15 | 1009.21 | 1009.25 | 1009.28 | 1009.33 | 1009.35 | 1009.38 | 1009.44 | 1009.50 | 1009.24 |
|     | 17 | 1009.56 | 1009.62 | 1009.67 | 1009.72 | 1009.75 | 1009.82 | 1009.88 | 1009.90 | 1009.95 | 1010.03 | 1010.07 | 1010.11 | 1009.84 |
|     | 18 | 1010.17 | 1010.21 | 1010.24 | 1010.30 | 1010.38 | 1010.47 | 1010.55 | 1010.59 | 1010.62 | 1010.64 | 1010.66 | 1010.68 | 1010.46 |
|     | 19 | 1010.73 | 1010.79 | 1010.85 | 1010.87 | 1010.90 | 1010.97 | 1011.07 | 1011.15 | 1011.18 | 1011.18 | 1011.19 | 1011.24 | 1011.01 |
|     | 20 | 1011.28 | 1011.26 | 1011.27 | 1011.30 | 1011.32 | 1011.34 | 1011.38 | 1011.44 | 1011.47 | 1011.49 | 1011.51 | 1011.56 | 1011.38 |
|     | 21 | 1011.60 | 1011.62 | 1011.61 | 1011.57 | 1011.54 | 1011.54 | 1011.58 | 1011.62 | 1011.63 | 1011.61 | 1011.61 | 1011.62 | 1011.59 |
|     | 22 | 1011.62 | 1011.62 | 1011.67 | 1011.70 | 1011.70 | 1011.72 | 1011.75 | 1011.79 | 1011.81 | 1011.80 | 1011.80 | 1011.76 | 1011.73 |
|     | 23 | 1011.71 | 1011.73 | 1011.77 | 1011.80 | 1011.82 | 1011.82 | 1011.82 | 1011.84 | 1011.88 | 1011.90 | 1011.91 | 1011.93 | 1011.83 |

S.V.I.R.CO. Observatory - Pressure in hectoPascal – December 2012

| day | hh | 00_05   | 05_10   | 10_15   | 15_20   | 20_25   | 25_30   | 30_35   | 35_40   | 40_45   | 45_50   | 50_55   | 55_60   | average |
|-----|----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 19  | 0  | 1011.96 | 1011.99 | 1012.04 | 1012.08 | 1012.12 | 1012.14 | 1012.16 | 1012.20 | 1012.28 | 1012.37 | 1012.45 | 1012.54 | 1012.20 |
|     | 1  | 1012.59 | 1012.62 | 1012.66 | 1012.67 | 1012.67 | 1012.68 | 1012.71 | 1012.77 | 1012.83 | 1012.87 | 1012.85 | 1012.81 | 1012.72 |
|     | 2  | 1012.83 | 1012.85 | 1012.81 | 1012.81 | 1012.83 | 1012.85 | 1012.86 | 1012.81 | 1012.77 | 1012.77 | 1012.79 | 1012.81 | 1012.81 |
|     | 3  | 1012.82 | 1012.88 | 1012.95 | 1013.03 | 1013.10 | 1013.12 | 1013.15 | 1013.15 | 1013.09 | 1013.02 | 1012.98 | 1012.97 | 1013.02 |
|     | 4  | 1012.99 | 1013.00 | 1013.06 | 1013.13 | 1013.14 | 1013.20 | 1013.33 | 1013.38 | 1013.36 | 1013.36 | 1013.41 | 1013.48 | 1013.23 |
|     | 5  | 1013.57 | 1013.67 | 1013.69 | 1013.72 | 1013.79 | 1013.78 | 1013.77 | 1013.77 | 1013.74 | 1013.74 | 1013.78 | 1013.86 | 1013.74 |
|     | 6  | 1013.96 | 1014.06 | 1014.15 | 1014.27 | 1014.36 | 1014.44 | 1014.55 | 1014.60 | 1014.60 | 1014.61 | 1014.66 | 1014.74 | 1014.41 |
|     | 7  | 1014.79 | 1014.83 | 1014.90 | 1014.97 | 1015.05 | 1015.15 | 1015.19 | 1015.19 | 1015.22 | 1015.23 | 1015.21 | 1015.22 | 1015.08 |
|     | 8  | 1015.29 | 1015.39 | 1015.50 | 1015.59 | 1015.62 | 1015.64 | 1015.69 | 1015.75 | 1015.81 | 1015.84 | 1015.84 | 1015.88 | 1015.65 |
|     | 9  | 1015.92 | 1015.96 | 1016.03 | 1016.10 | 1016.10 | 1016.07 | 1016.05 | 1016.03 | 1016.03 | 1016.01 | 1016.02 | 1016.03 | 1016.03 |
|     | 10 | 1016.00 | 1015.95 | 1015.89 | 1015.81 | 1015.73 | 1015.71 | 1015.68 | 1015.63 | 1015.61 | 1015.58 | 1015.60 | 1015.62 | 1015.73 |
|     | 11 | 1015.62 | 1015.60 | 1015.59 | 1015.60 | 1015.56 | 1015.48 | 1015.40 | 1015.37 | 1015.33 | 1015.28 | 1015.26 | 1015.21 | 1015.44 |
|     | 12 | 1015.18 | 1015.20 | 1015.20 | 1015.21 | 1015.29 | 1015.34 | 1015.37 | 1015.41 | 1015.48 | 1015.51 | 1015.52 | 1015.54 | 1015.35 |
|     | 13 | 1015.54 | 1015.54 | 1015.54 | 1015.53 | 1015.54 | 1015.52 | 1015.49 | 1015.50 | 1015.53 | 1015.53 | 1015.59 | 1015.68 | 1015.54 |
|     | 14 | 1015.75 | 1015.78 | 1015.79 | 1015.82 | 1015.89 | 1015.97 | 1016.02 | 1016.08 | 1016.15 | 1016.21 | 1016.25 | 1016.29 | 1016.00 |
|     | 15 | 1016.34 | 1016.40 | 1016.46 | 1016.55 | 1016.63 | 1016.70 | 1016.75 | 1016.77 | 1016.82 | 1016.86 | 1016.88 | 1016.89 | 1016.67 |
|     | 16 | 1016.89 | 1016.92 | 1016.96 | 1016.99 | 1017.02 | 1017.10 | 1017.16 | 1017.18 | 1017.21 | 1017.24 | 1017.25 | 1017.31 | 1017.10 |
|     | 17 | 1017.34 | 1017.38 | 1017.46 | 1017.52 | 1017.56 | 1017.63 | 1017.69 | 1017.73 | 1017.79 | 1017.90 | 1018.01 | 1018.07 | 1017.67 |
|     | 18 | 1018.10 | 1018.12 | 1018.13 | 1018.15 | 1018.19 | 1018.24 | 1018.28 | 1018.30 | 1018.31 | 1018.37 | 1018.47 | 1018.56 | 1018.27 |
|     | 19 | 1018.60 | 1018.62 | 1018.64 | 1018.65 | 1018.63 | 1018.60 | 1018.59 | 1018.59 | 1018.61 | 1018.62 | 1018.62 | 1018.63 | 1018.62 |
|     | 20 | 1018.67 | 1018.70 | 1018.71 | 1018.76 | 1018.83 | 1018.87 | 1018.87 | 1018.86 | 1018.88 | 1018.88 | 1018.89 | 1018.90 | 1018.82 |
|     | 21 | 1018.90 | 1018.95 | 1018.99 | 1019.00 | 1018.99 | 1018.94 | 1018.88 | 1018.87 | 1018.89 | 1018.94 | 1018.94 | 1018.91 | 1018.93 |
|     | 22 | 1018.93 | 1018.99 | 1019.03 | 1019.00 | 1018.91 | 1018.86 | 1018.87 | 1018.90 | 1018.91 | 1018.94 | 1018.98 | 1018.98 | 1018.94 |
|     | 23 | 1018.96 | 1018.96 | 1018.92 | 1018.88 | 1018.90 | 1018.89 | 1018.88 | 1018.91 | 1018.94 | 1019.02 | 1019.14 | 1019.24 | 1018.97 |
| 20  | 0  | 1019.32 | 1019.35 | 1019.40 | 1019.43 | 1019.41 | 1019.36 | 1019.32 | 1019.29 | 1019.25 | 1019.24 | 1019.24 | 1019.22 | 1019.32 |
|     | 1  | 1019.16 | 1019.12 | 1019.15 | 1019.23 | 1019.29 | 1019.33 | 1019.35 | 1019.34 | 1019.30 | 1019.23 | 1019.18 | 1019.15 | 1019.23 |
|     | 2  | 1019.16 | 1019.16 | 1019.10 | 1019.02 | 1018.95 | 1018.92 | 1018.99 | 1019.10 | 1019.19 | 1019.21 | 1019.16 | 1019.10 | 1019.09 |
|     | 3  | 1019.06 | 1019.05 | 1019.03 | 1019.01 | 1018.99 | 1018.97 | 1019.01 | 1019.04 | 1019.00 | 1018.98 | 1018.94 | 1018.92 | 1019.00 |
|     | 4  | 1018.94 | 1018.92 | 1018.89 | 1018.85 | 1018.80 | 1018.75 | 1018.70 | 1018.70 | 1018.73 | 1018.77 | 1018.83 | 1018.89 | 1018.81 |
|     | 5  | 1018.96 | 1019.02 | 1019.04 | 1019.02 | 1019.03 | 1019.05 | 1019.07 | 1019.06 | 1019.00 | 1018.93 | 1018.94 | 1018.98 | 1019.01 |
|     | 6  | 1019.00 | 1019.03 | 1019.04 | 1019.06 | 1019.08 | 1019.07 | 1019.07 | 1019.09 | 1019.07 | 1019.02 | 1019.00 | 1019.01 | 1019.04 |
|     | 7  | 1019.03 | 1019.06 | 1019.09 | 1019.04 | 1018.97 | 1018.95 | 1018.94 | 1018.97 | 1019.01 | 1019.06 | 1019.12 | 1019.16 | 1019.03 |
|     | 8  | 1019.21 | 1019.23 | 1019.24 | 1019.24 | 1019.23 | 1019.23 | 1019.26 | 1019.30 | 1019.30 | 1019.29 | 1019.37 | 1019.47 | 1019.28 |
|     | 9  | 1019.52 | 1019.61 | 1019.72 | 1019.78 | 1019.83 | 1019.83 | 1019.79 | 1019.77 | 1019.75 | 1019.75 | 1019.76 | 1019.76 | 1019.74 |
|     | 10 | 1019.70 | 1019.61 | 1019.51 | 1019.42 | 1019.33 | 1019.22 | 1019.16 | 1019.12 | 1019.05 | 1018.99 | 1018.96 | 1018.92 | 1019.25 |
|     | 11 | 1018.83 | 1018.79 | 1018.78 | 1018.74 | 1018.62 | 1018.51 | 1018.47 | 1018.44 | 1018.40 | 1018.29 | 1018.07 | 1017.91 | 1018.49 |
|     | 12 | 1017.82 | 1017.78 | 1017.76 | 1017.76 | 1017.80 | 1017.76 | 1017.64 | 1017.56 | 1017.50 | 1017.43 | 1017.39 | 1017.40 | 1017.63 |
|     | 13 | 1017.42 | 1017.43 | 1017.45 | 1017.46 | 1017.43 | 1017.41 | 1017.39 | 1017.32 | 1017.21 | 1017.16 | 1017.08 | 1016.98 | 1017.31 |
|     | 14 | 1016.92 | 1016.86 | 1016.88 | 1016.88 | 1016.78 | 1016.76 | 1016.83 | 1016.91 | 1016.99 | 1016.99 | 1017.00 | 1016.98 | 1016.90 |
|     | 15 | 1016.90 | 1016.88 | 1016.89 | 1016.92 | 1016.97 | 1017.00 | 1017.05 | 1017.03 | 1016.95 | 1016.90 | 1016.84 | 1016.83 | 1016.93 |
|     | 16 | 1016.89 | 1016.94 | 1016.95 | 1016.85 | 1016.75 | 1016.76 | 1016.75 | 1016.68 | 1016.59 | 1016.58 | 1016.54 | 1016.48 | 1016.73 |
|     | 17 | 1016.54 | 1016.48 | 1016.41 | 1016.42 | 1016.41 | 1016.43 | 1016.42 | 1016.34 | 1016.29 | 1016.29 | 1016.27 | 1016.22 | 1016.37 |
|     | 18 | 1016.24 | 1016.30 | 1016.35 | 1016.36 | 1016.30 | 1016.28 | 1016.26 | 1016.23 | 1016.19 | 1016.12 | 1016.09 | 1016.11 | 1016.23 |
|     | 19 | 1016.20 | 1016.24 | 1016.19 | 1016.13 | 1016.11 | 1016.08 | 1016.01 | 1015.91 | 1015.84 | 1015.81 | 1015.82 | 1015.83 | 1016.01 |
|     | 20 | 1015.78 | 1015.72 | 1015.73 | 1015.71 | 1015.67 | 1015.68 | 1015.68 | 1015.59 | 1015.47 | 1015.41 | 1015.37 | 1015.31 | 1015.59 |
|     | 21 | 1015.26 | 1015.25 | 1015.22 | 1015.20 | 1015.16 | 1015.05 | 1014.98 | 1014.94 | 1014.86 | 1014.77 | 1014.64 | 1014.46 | 1014.98 |
|     | 22 | 1014.28 | 1014.20 | 1014.32 | 1014.42 | 1014.41 | 1014.37 | 1014.42 | 1014.59 | 1014.66 | 1014.64 | 1014.65 | 1014.70 | 1014.47 |
|     | 23 | 1014.79 | 1014.79 | 1014.66 | 1014.54 | 1014.45 | 1014.35 | 1014.26 | 1014.11 | 1013.97 | 1013.89 | 1013.78 | 1013.72 | 1014.27 |

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| day | hh | 00_05   | 05_10   | 10_15   | 15_20   | 20_25   | 25_30   | 30_35   | 35_40   | 40_45   | 45_50   | 50_55   | 55_60   | average |
|-----|----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 21  | 0  | 1013.76 | 1013.77 | 1013.76 | 1013.70 | 1013.65 | 1013.63 | 1013.64 | 1013.63 | 1013.57 | 1013.45 | 1013.33 | 1013.23 | 1013.59 |
|     | 1  | 1013.14 | 1013.08 | 1013.06 | 1013.05 | 1013.00 | 1012.90 | 1012.77 | 1012.63 | 1012.53 | 1012.46 | 1012.36 | 1012.25 | 1012.77 |
|     | 2  | 1012.21 | 1012.28 | 1012.30 | 1012.28 | 1012.33 | 1012.41 | 1012.53 | 1012.52 | 1012.49 | 1012.47 | 1012.43 | 1012.43 | 1012.39 |
|     | 3  | 1012.35 | 1012.27 | 1012.19 | 1012.07 | 1011.96 | 1011.86 | 1011.75 | 1011.64 | 1011.52 | 1011.46 | 1011.39 | 1011.22 | 1011.80 |
|     | 4  | 1011.07 | 1011.00 | 1010.98 | 1010.93 | 1010.82 | 1010.66 | 1010.55 | 1010.49 | 1010.44 | 1010.41 | 1010.32 | 1010.21 | 1010.65 |
|     | 5  | 1010.03 | 1009.78 | 1009.68 | 1009.76 | 1009.78 | 1009.73 | 1009.67 | 1009.55 | 1009.41 | 1009.33 | 1009.31 | 1009.29 | 1009.61 |
|     | 6  | 1009.21 | 1009.16 | 1009.21 | 1009.24 | 1009.19 | 1009.13 | 1009.12 | 1009.16 | 1009.13 | 1009.04 | 1008.97 | 1008.94 | 1009.12 |
|     | 7  | 1008.94 | 1008.95 | 1008.94 | 1008.90 | 1008.90 | 1008.96 | 1009.08 | 1009.16 | 1009.15 | 1009.13 | 1009.11 | 1009.12 | 1009.03 |
|     | 8  | 1009.26 | 1009.38 | 1009.38 | 1009.30 | 1009.23 | 1009.24 | 1009.25 | 1009.29 | 1009.27 | 1009.22 | 1009.25 | 1009.34 | 1009.28 |
|     | 9  | 1009.50 | 1009.60 | 1009.66 | 1009.77 | 1009.84 | 1009.88 | 1009.89 | 1009.87 | 1009.93 | 1009.99 | 1009.97 | 1009.90 | 1009.81 |
|     | 10 | 1009.83 | 1009.82 | 1009.81 | 1009.80 | 1009.80 | 1009.78 | 1009.72 | 1009.71 | 1009.77 | 1009.83 | 1009.79 | 1009.76 | 1009.78 |
|     | 11 | 1009.73 | 1009.65 | 1009.57 | 1009.49 | 1009.40 | 1009.37 | 1009.33 | 1009.27 | 1009.25 | 1009.19 | 1009.15 | 1009.12 | 1009.37 |
|     | 12 | 1009.08 | 1009.08 | 1009.12 | 1009.15 | 1009.11 | 1009.03 | 1009.01 | 1009.00 | 1008.95 | 1008.91 | 1008.92 | 1008.98 | 1009.03 |
|     | 13 | 1009.00 | 1009.02 | 1009.08 | 1009.16 | 1009.22 | 1009.21 | 1009.18 | 1009.17 | 1009.15 | 1009.16 | 1009.21 | 1009.28 | 1009.15 |
|     | 14 | 1009.34 | 1009.35 | 1009.32 | 1009.29 | 1009.26 | 1009.25 | 1009.24 | 1009.21 | 1009.25 | 1009.27 | 1009.24 | 1009.23 | 1009.27 |
|     | 15 | 1009.30 | 1009.48 | 1009.60 | 1009.69 | 1009.76 | 1009.74 | 1009.69 | 1009.61 | 1009.52 | 1009.54 | 1009.64 | 1009.66 | 1009.60 |
|     | 16 | 1009.61 | 1009.53 | 1009.54 | 1009.59 | 1009.64 | 1009.65 | 1009.60 | 1009.58 | 1009.58 | 1009.56 | 1009.52 | 1009.52 | 1009.57 |
|     | 17 | 1009.51 | 1009.48 | 1009.46 | 1009.48 | 1009.57 | 1009.63 | 1009.64 | 1009.61 | 1009.57 | 1009.60 | 1009.65 | 1009.70 | 1009.57 |
|     | 18 | 1009.77 | 1009.82 | 1009.86 | 1009.97 | 1010.07 | 1010.08 | 1010.04 | 1010.07 | 1010.15 | 1010.20 | 1010.21 | 1010.20 | 1010.03 |
|     | 19 | 1010.23 | 1010.27 | 1010.26 | 1010.25 | 1010.25 | 1010.24 | 1010.23 | 1010.21 | 1010.21 | 1010.25 | 1010.34 | 1010.40 | 1010.26 |
|     | 20 | 1010.43 | 1010.46 | 1010.45 | 1010.43 | 1010.51 | 1010.60 | 1010.64 | 1010.67 | 1010.64 | 1010.64 | 1010.66 | 1010.66 | 1010.56 |
|     | 21 | 1010.69 | 1010.72 | 1010.72 | 1010.76 | 1010.84 | 1010.96 | 1011.08 | 1011.14 | 1011.21 | 1011.31 | 1011.41 | 1011.49 | 1011.02 |
|     | 22 | 1011.54 | 1011.56 | 1011.57 | 1011.59 | 1011.58 | 1011.60 | 1011.65 | 1011.66 | 1011.60 | 1011.50 | 1011.50 | 1011.50 | 1011.57 |
|     | 23 | 1011.48 | 1011.47 | 1011.45 | 1011.45 | 1011.48 | 1011.51 | 1011.53 | 1011.57 | 1011.63 | 1011.64 | 1011.61 | 1011.57 | 1011.53 |
| 22  | 0  | 1011.53 | 1011.55 | 1011.56 | 1011.56 | 1011.61 | 1011.64 | 1011.61 | 1011.60 | 1011.61 | 1011.61 | 1011.63 | 1011.69 | 1011.60 |
|     | 1  | 1011.70 | 1011.68 | 1011.70 | 1011.76 | 1011.76 | 1011.75 | 1011.80 | 1011.89 | 1011.93 | 1011.94 | 1011.98 | 1012.04 | 1011.82 |
|     | 2  | 1012.11 | 1012.17 | 1012.21 | 1012.22 | 1012.23 | 1012.24 | 1012.26 | 1012.30 | 1012.32 | 1012.30 | 1012.31 | 1012.32 | 1012.25 |
|     | 3  | 1012.35 | 1012.40 | 1012.43 | 1012.46 | 1012.47 | 1012.45 | 1012.46 | 1012.52 | 1012.56 | 1012.56 | 1012.54 | 1012.56 | 1012.48 |
|     | 4  | 1012.62 | 1012.64 | 1012.67 | 1012.74 | 1012.76 | 1012.73 | 1012.73 | 1012.75 | 1012.81 | 1012.93 | 1013.02 | 1013.07 | 1012.79 |
|     | 5  | 1013.12 | 1013.19 | 1013.25 | 1013.30 | 1013.36 | 1013.42 | 1013.48 | 1013.54 | 1013.60 | 1013.64 | 1013.67 | 1013.70 | 1013.44 |
|     | 6  | 1013.73 | 1013.76 | 1013.80 | 1013.84 | 1013.90 | 1013.97 | 1014.07 | 1014.17 | 1014.24 | 1014.28 | 1014.36 | 1014.46 | 1014.05 |
|     | 7  | 1014.55 | 1014.63 | 1014.67 | 1014.67 | 1014.77 | 1014.93 | 1015.01 | 1015.07 | 1015.13 | 1015.13 | 1015.15 | 1015.24 | 1014.91 |
|     | 8  | 1015.32 | 1015.39 | 1015.51 | 1015.62 | 1015.69 | 1015.73 | 1015.70 | 1015.71 | 1015.76 | 1015.81 | 1015.86 | 1015.97 | 1015.67 |
|     | 9  | 1016.12 | 1016.19 | 1016.28 | 1016.33 | 1016.35 | 1016.40 | 1016.41 | 1016.47 | 1016.54 | 1016.52 | 1016.48 | 1016.43 | 1016.37 |
|     | 10 | 1016.39 | 1016.35 | 1016.30 | 1016.32 | 1016.36 | 1016.38 | 1016.38 | 1016.37 | 1016.32 | 1016.28 | 1016.30 | 1016.28 | 1016.33 |
|     | 11 | 1016.19 | 1016.07 | 1016.00 | 1016.00 | 1016.01 | 1016.00 | 1015.95 | 1015.91 | 1015.88 | 1015.87 | 1015.89 | 1015.87 | 1015.97 |
|     | 12 | 1015.85 | 1015.82 | 1015.79 | 1015.79 | 1015.83 | 1015.83 | 1015.78 | 1015.76 | 1015.76 | 1015.76 | 1015.79 | 1015.79 | 1015.79 |
|     | 13 | 1015.73 | 1015.70 | 1015.70 | 1015.69 | 1015.71 | 1015.73 | 1015.78 | 1015.80 | 1015.81 | 1015.92 | 1016.10 | 1016.21 | 1015.82 |
|     | 14 | 1016.22 | 1016.22 | 1016.22 | 1016.25 | 1016.28 | 1016.31 | 1016.34 | 1016.34 | 1016.32 | 1016.31 | 1016.36 | 1016.43 | 1016.30 |
|     | 15 | 1016.49 | 1016.51 | 1016.53 | 1016.55 | 1016.59 | 1016.66 | 1016.70 | 1016.72 | 1016.76 | 1016.76 | 1016.77 | 1016.82 | 1016.65 |
|     | 16 | 1016.87 | 1016.90 | 1016.98 | 1017.08 | 1017.14 | 1017.20 | 1017.27 | 1017.35 | 1017.40 | 1017.43 | 1017.44 | 1017.44 | 1017.21 |
|     | 17 | 1017.48 | 1017.58 | 1017.70 | 1017.78 | 1017.84 | 1017.86 | 1017.89 | 1017.89 | 1017.92 | 1018.00 | 1018.06 | 1018.13 | 1017.84 |
|     | 18 | 1018.19 | 1018.25 | 1018.34 | 1018.41 | 1018.46 | 1018.47 | 1018.46 | 1018.46 | 1018.47 | 1018.49 | 1018.52 | 1018.55 | 1018.42 |
|     | 19 | 1018.59 | 1018.63 | 1018.62 | 1018.63 | 1018.72 | 1018.80 | 1018.83 | 1018.85 | 1018.88 | 1018.94 | 1018.99 | 1019.03 | 1018.79 |
|     | 20 | 1019.11 | 1019.16 | 1019.14 | 1019.17 | 1019.26 | 1019.29 | 1019.31 | 1019.40 | 1019.46 | 1019.54 | 1019.63 | 1019.61 | 1019.34 |
|     | 21 | 1019.48 | 1019.39 | 1019.45 | 1019.52 | 1019.47 | 1019.47 | 1019.52 | 1019.54 | 1019.57 | 1019.55 | 1019.56 | 1019.57 | 1019.51 |
|     | 22 | 1019.51 | 1019.47 | 1019.46 | 1019.42 | 1019.39 | 1019.39 | 1019.44 | 1019.49 | 1019.51 | 1019.61 | 1019.71 | 1019.73 | 1019.51 |
|     | 23 | 1019.73 | 1019.75 | 1019.82 | 1019.73 | 1019.62 | 1019.64 | 1019.61 | 1019.61 | 1019.65 | 1019.60 | 1019.53 | 1019.56 | 1019.65 |

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| day | hh | 00_05   | 05_10   | 10_15   | 15_20   | 20_25   | 25_30   | 30_35   | 35_40   | 40_45   | 45_50   | 50_55   | 55_60   | average |
|-----|----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 23  | 0  | 1019.66 | 1019.68 | 1019.64 | 1019.59 | 1019.59 | 1019.55 | 1019.52 | 1019.52 | 1019.53 | 1019.53 | 1019.53 | 1019.52 | 1019.57 |
|     | 1  | 1019.49 | 1019.52 | 1019.59 | 1019.64 | 1019.70 | 1019.76 | 1019.82 | 1019.87 | 1019.93 | 1019.96 | 1019.96 | 1019.98 | 1019.76 |
|     | 2  | 1019.89 | 1019.69 | 1019.49 | 1019.41 | 1019.45 | 1019.46 | 1019.45 | 1019.44 | 1019.43 | 1019.41 | 1019.34 | 1019.30 | 1019.48 |
|     | 3  | 1019.26 | 1019.22 | 1019.23 | 1019.22 | 1019.19 | 1019.26 | 1019.34 | 1019.28 | 1019.16 | 1019.12 | 1019.18 | 1019.23 | 1019.22 |
|     | 4  | 1019.24 | 1019.24 | 1019.29 | 1019.45 | 1019.58 | 1019.58 | 1019.57 | 1019.61 | 1019.57 | 1019.47 | 1019.46 | 1019.45 | 1019.46 |
|     | 5  | 1019.41 | 1019.41 | 1019.41 | 1019.41 | 1019.42 | 1019.42 | 1019.38 | 1019.37 | 1019.40 | 1019.46 | 1019.57 | 1019.68 | 1019.44 |
|     | 6  | 1019.80 | 1019.92 | 1019.95 | 1019.97 | 1020.02 | 1020.07 | 1020.11 | 1020.11 | 1020.13 | 1020.16 | 1020.15 | 1020.22 | 1020.05 |
|     | 7  | 1020.34 | 1020.35 | 1020.37 | 1020.38 | 1020.41 | 1020.45 | 1020.48 | 1020.49 | 1020.47 | 1020.47 | 1020.48 | 1020.48 | 1020.43 |
|     | 8  | 1020.51 | 1020.58 | 1020.61 | 1020.58 | 1020.62 | 1020.73 | 1020.83 | 1020.84 | 1020.75 | 1020.62 | 1020.54 | 1020.54 | 1020.64 |
|     | 9  | 1020.51 | 1020.50 | 1020.57 | 1020.57 | 1020.58 | 1020.65 | 1020.69 | 1020.64 | 1020.62 | 1020.60 | 1020.51 | 1020.45 | 1020.57 |
|     | 10 | 1020.45 | 1020.48 | 1020.48 | 1020.45 | 1020.41 | 1020.32 | 1020.26 | 1020.23 | 1020.23 | 1020.23 | 1020.13 | 1020.06 | 1020.31 |
|     | 11 | 1019.99 | 1019.96 | 1019.97 | 1019.97 | 1019.95 | 1019.87 | 1019.80 | 1019.80 | 1019.85 | 1019.83 | 1019.81 | 1019.81 | 1019.88 |
|     | 12 | 1019.80 | 1019.75 | 1019.71 | 1019.71 | 1019.68 | 1019.65 | 1019.59 | 1019.53 | 1019.46 | 1019.44 | 1019.43 | 1019.37 | 1019.59 |
|     | 13 | 1019.29 | 1019.23 | 1019.16 | 1019.15 | 1019.20 | 1019.22 | 1019.18 | 1019.09 | 1019.06 | 1019.09 | 1019.10 | 1019.08 | 1019.15 |
|     | 14 | 1019.07 | 1019.09 | 1019.10 | 1019.11 | 1019.12 | 1019.08 | 1019.04 | 1018.98 | 1018.98 | 1019.03 | 1019.10 | 1019.16 | 1019.07 |
|     | 15 | 1019.15 | 1019.09 | 1019.00 | 1018.94 | 1018.95 | 1019.06 | 1019.16 | 1019.18 | 1019.23 | 1019.31 | 1019.35 | 1019.38 | 1019.15 |
|     | 16 | 1019.37 | 1019.34 | 1019.37 | 1019.41 | 1019.44 | 1019.48 | 1019.54 | 1019.56 | 1019.59 | 1019.60 | 1019.61 | 1019.60 | 1019.49 |
|     | 17 | 1019.57 | 1019.58 | 1019.61 | 1019.63 | 1019.64 | 1019.69 | 1019.78 | 1019.88 | 1019.99 | 1020.04 | 1020.07 | 1020.13 | 1019.80 |
|     | 18 | 1020.18 | 1020.26 | 1020.33 | 1020.36 | 1020.35 | 1020.38 | 1020.48 | 1020.56 | 1020.57 | 1020.57 | 1020.60 | 1020.66 | 1020.44 |
|     | 19 | 1020.70 | 1020.77 | 1020.87 | 1020.94 | 1021.02 | 1021.06 | 1021.05 | 1021.07 | 1021.11 | 1021.16 | 1021.22 | 1021.25 | 1021.02 |
|     | 20 | 1021.27 | 1021.33 | 1021.37 | 1021.39 | 1021.40 | 1021.40 | 1021.45 | 1021.52 | 1021.57 | 1021.58 | 1021.53 | 1021.54 | 1021.44 |
|     | 21 | 1021.58 | 1021.56 | 1021.56 | 1021.60 | 1021.61 | 1021.61 | 1021.53 | 1021.45 | 1021.40 | 1021.32 | 1021.34 | 1021.35 | 1021.49 |
|     | 22 | 1021.33 | 1021.32 | 1021.30 | 1021.32 | 1021.39 | 1021.46 | 1021.51 | 1021.54 | 1021.55 | 1021.56 | 1021.60 | 1021.67 | 1021.46 |
|     | 23 | 1021.73 | 1021.84 | 1021.89 | 1021.88 | 1021.88 | 1021.88 | 1021.90 | 1021.87 | 1021.81 | 1021.78 | 1021.75 | 1021.74 | 1021.83 |
| 24  | 0  | 1021.79 | 1021.76 | 1021.74 | 1021.74 | 1021.68 | 1021.65 | 1021.65 | 1021.65 | 1021.69 | 1021.77 | 1021.80 | 1021.84 | 1021.73 |
|     | 1  | 1021.91 | 1021.95 | 1021.97 | 1021.99 | 1022.00 | 1021.99 | 1021.96 | 1021.94 | 1021.93 | 1021.93 | 1021.91 | 1021.84 | 1021.94 |
|     | 2  | 1021.76 | 1021.72 | 1021.73 | 1021.76 | 1021.77 | 1021.75 | 1021.71 | 1021.66 | 1021.65 | 1021.68 | 1021.71 | 1021.71 | 1021.72 |
|     | 3  | 1021.68 | 1021.66 | 1021.64 | 1021.64 | 1021.65 | 1021.61 | 1021.64 | 1021.66 | 1021.63 | 1021.61 | 1021.60 | 1021.59 | 1021.63 |
|     | 4  | 1021.57 | 1021.56 | 1021.60 | 1021.67 | 1021.67 | 1021.68 | 1021.68 | 1021.66 | 1021.64 | 1021.63 | 1021.64 | 1021.67 | 1021.64 |
|     | 5  | 1021.71 | 1021.72 | 1021.70 | 1021.73 | 1021.83 | 1021.87 | 1021.88 | 1021.87 | 1021.87 | 1021.93 | 1021.97 | 1022.03 | 1021.84 |
|     | 6  | 1022.10 | 1022.18 | 1022.23 | 1022.23 | 1022.24 | 1022.29 | 1022.34 | 1022.44 | 1022.54 | 1022.61 | 1022.70 | 1022.76 | 1022.39 |
|     | 7  | 1022.77 | 1022.78 | 1022.81 | 1022.85 | 1022.87 | 1022.90 | 1022.94 | 1023.00 | 1023.03 | 1023.08 | 1023.13 | 1023.18 | 1022.94 |
|     | 8  | 1023.23 | 1023.28 | 1023.36 | 1023.41 | 1023.42 | 1023.44 | 1023.47 | 1023.55 | 1023.64 | 1023.67 | 1023.71 | 1023.79 | 1023.49 |
|     | 9  | 1023.83 | 1023.84 | 1023.88 | 1023.91 | 1023.90 | 1023.85 | 1023.82 | 1023.84 | 1023.89 | 1023.94 | 1023.91 | 1023.84 | 1023.87 |
|     | 10 | 1023.78 | 1023.73 | 1023.68 | 1023.65 | 1023.64 | 1023.65 | 1023.69 | 1023.69 | 1023.67 | 1023.65 | 1023.62 | 1023.58 | 1023.67 |
|     | 11 | 1023.54 | 1023.49 | 1023.42 | 1023.38 | 1023.32 | 1023.23 | 1023.15 | 1023.10 | 1023.05 | 1022.97 | 1022.89 | 1022.80 | 1023.19 |
|     | 12 | 1022.69 | 1022.62 | 1022.57 | 1022.49 | 1022.43 | 1022.40 | 1022.36 | 1022.29 | 1022.24 | 1022.17 | 1022.10 | 1022.05 | 1022.37 |
|     | 13 | 1022.01 | 1022.00 | 1022.00 | 1021.97 | 1021.93 | 1021.91 | 1021.91 | 1021.94 | 1021.98 | 1022.01 | 1022.00 | 1021.98 | 1021.97 |
|     | 14 | 1021.95 | 1021.94 | 1021.93 | 1021.93 | 1021.97 | 1022.03 | 1022.05 | 1022.06 | 1022.11 | 1022.09 | 1022.03 | 1022.03 | 1022.01 |
|     | 15 | 1022.10 | 1022.13 | 1022.13 | 1022.11 | 1022.08 | 1022.07 | 1022.08 | 1022.07 | 1022.05 | 1022.03 | 1022.04 | 1022.03 | 1022.07 |
|     | 16 | 1022.05 | 1022.09 | 1022.08 | 1022.05 | 1022.03 | 1022.02 | 1022.04 | 1022.03 | 1022.04 | 1022.01 | 1021.97 | 1021.96 | 1022.03 |
|     | 17 | 1021.99 | 1022.04 | 1022.13 | 1022.22 | 1022.24 | 1022.26 | 1022.33 | 1022.35 | 1022.31 | 1022.32 | 1022.38 | 1022.41 | 1022.25 |
|     | 18 | 1022.41 | 1022.47 | 1022.54 | 1022.54 | 1022.53 | 1022.59 | 1022.71 | 1022.76 | 1022.76 | 1022.79 | 1022.82 | 1022.86 | 1022.65 |
|     | 19 | 1022.87 | 1022.89 | 1022.93 | 1022.90 | 1022.81 | 1022.74 | 1022.72 | 1022.77 | 1022.90 | 1022.97 | 1022.93 | 1022.93 | 1022.86 |
|     | 20 | 1023.00 | 1023.12 | 1023.17 | 1023.18 | 1023.18 | 1023.19 | 1023.20 | 1023.22 | 1023.24 | 1023.15 | 1023.08 | 1023.11 | 1023.15 |
|     | 21 | 1023.09 | 1023.07 | 1023.10 | 1023.12 | 1023.12 | 1023.13 | 1023.13 | 1023.13 | 1023.17 | 1023.24 | 1023.33 | 1023.36 | 1023.16 |
|     | 22 | 1023.31 | 1023.27 | 1023.26 | 1023.23 | 1023.17 | 1023.13 | 1023.05 | 1022.98 | 1022.96 | 1022.97 | 1022.98 | 1023.01 | 1023.11 |
|     | 23 | 1023.07 | 1023.04 | 1023.00 | 1022.99 | 1022.96 | 1022.98 | 1022.99 | 1022.95 | 1022.91 | 1022.91 | 1022.85 | 1022.81 | 1022.95 |



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| day | hh | 00_05   | 05_10   | 10_15   | 15_20   | 20_25   | 25_30   | 30_35   | 35_40   | 40_45   | 45_50   | 50_55   | 55_60   | average |
|-----|----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 25  | 0  | 1022.77 | 1022.75 | 1022.73 | 1022.71 | 1022.67 | 1022.65 | 1022.65 | 1022.63 | 1022.61 | 1022.60 | 1022.58 | 1022.55 | 1022.65 |
|     | 1  | 1022.52 | 1022.43 | 1022.33 | 1022.26 | 1022.20 | 1022.19 | 1022.16 | 1022.14 | 1022.17 | 1022.22 | 1022.24 | 1022.27 | 1022.26 |
|     | 2  | 1022.26 | 1022.20 | 1022.12 | 1022.02 | 1021.91 | 1021.84 | 1021.81 | 1021.82 | 1021.80 | 1021.73 | 1021.69 | 1021.68 | 1021.90 |
|     | 3  | 1021.64 | 1021.59 | 1021.56 | 1021.55 | 1021.52 | 1021.45 | 1021.37 | 1021.33 | 1021.28 | 1021.22 | 1021.28 | 1021.34 | 1021.43 |
|     | 4  | 1021.29 | 1021.22 | 1021.17 | 1021.14 | 1021.12 | 1021.12 | 1021.10 | 1021.09 | 1021.08 | 1021.08 | 1021.08 | 1021.09 | 1021.13 |
|     | 5  | 1021.15 | 1021.19 | 1021.21 | 1021.18 | 1021.20 | 1021.24 | 1021.22 | 1021.22 | 1021.24 | 1021.21 | 1021.15 | 1021.08 | 1021.19 |
|     | 6  | 1021.07 | 1021.06 | 1021.03 | 1021.04 | 1021.10 | 1021.21 | 1021.24 | 1021.22 | 1021.26 | 1021.34 | 1021.38 | 1021.37 | 1021.19 |
|     | 7  | 1021.36 | 1021.37 | 1021.36 | 1021.37 | 1021.39 | 1021.36 | 1021.37 | 1021.43 | 1021.41 | 1021.43 | 1021.48 | 1021.46 | 1021.40 |
|     | 8  | 1021.46 | 1021.49 | 1021.53 | 1021.59 | 1021.64 | 1021.66 | 1021.66 | 1021.69 | 1021.75 | 1021.78 | 1021.82 | 1021.85 | 1021.66 |
|     | 9  | 1021.85 | 1021.85 | 1021.84 | 1021.85 | 1021.86 | 1021.87 | 1021.85 | 1021.78 | 1021.71 | 1021.65 | 1021.61 | 1021.57 | 1021.77 |
|     | 10 | 1021.53 | 1021.48 | 1021.44 | 1021.39 | 1021.32 | 1021.18 | 1021.06 | 1021.02 | 1020.93 | 1020.82 | 1020.69 | 1020.59 | 1021.12 |
|     | 11 | 1020.55 | 1020.48 | 1020.41 | 1020.33 | 1020.22 | 1020.16 | 1020.10 | 1019.99 | 1019.89 | 1019.79 | 1019.68 | 1019.59 | 1020.10 |
|     | 12 | 1019.49 | 1019.37 | 1019.26 | 1019.19 | 1019.16 | 1019.13 | 1019.03 | 1018.90 | 1018.78 | 1018.69 | 1018.62 | 1018.52 | 1019.01 |
|     | 13 | 1018.48 | 1018.43 | 1018.36 | 1018.34 | 1018.35 | 1018.32 | 1018.30 | 1018.25 | 1018.17 | 1018.12 | 1018.11 | 1018.12 | 1018.28 |
|     | 14 | 1018.11 | 1018.09 | 1018.05 | 1018.05 | 1018.11 | 1018.13 | 1018.12 | 1018.09 | 1018.03 | 1017.99 | 1018.02 | 1018.09 | 1018.07 |
|     | 15 | 1018.07 | 1018.01 | 1017.99 | 1017.98 | 1017.98 | 1017.99 | 1018.01 | 1018.01 | 1018.00 | 1017.98 | 1017.94 | 1017.93 | 1017.99 |
|     | 16 | 1017.92 | 1017.90 | 1017.91 | 1017.94 | 1017.96 | 1017.92 | 1017.87 | 1017.91 | 1017.92 | 1017.90 | 1017.91 | 1017.94 | 1017.91 |
|     | 17 | 1017.95 | 1017.91 | 1017.85 | 1017.84 | 1017.85 | 1017.85 | 1017.83 | 1017.78 | 1017.76 | 1017.74 | 1017.73 | 1017.81 | 1017.82 |
|     | 18 | 1017.89 | 1017.93 | 1017.94 | 1017.91 | 1017.83 | 1017.74 | 1017.70 | 1017.72 | 1017.75 | 1017.74 | 1017.74 | 1017.75 | 1017.80 |
|     | 19 | 1017.77 | 1017.79 | 1017.81 | 1017.82 | 1017.85 | 1017.86 | 1017.87 | 1017.87 | 1017.77 | 1017.64 | 1017.56 | 1017.55 | 1017.76 |
|     | 20 | 1017.55 | 1017.53 | 1017.53 | 1017.57 | 1017.54 | 1017.43 | 1017.41 | 1017.44 | 1017.40 | 1017.33 | 1017.27 | 1017.26 | 1017.43 |
|     | 21 | 1017.28 | 1017.34 | 1017.35 | 1017.39 | 1017.50 | 1017.53 | 1017.54 | 1017.51 | 1017.50 | 1017.56 | 1017.52 | 1017.46 | 1017.45 |
|     | 22 | 1017.46 | 1017.39 | 1017.34 | 1017.36 | 1017.31 | 1017.28 | 1017.29 | 1017.28 | 1017.29 | 1017.26 | 1017.26 | 1017.30 | 1017.32 |
|     | 23 | 1017.28 | 1017.22 | 1017.17 | 1017.12 | 1017.07 | 1017.06 | 1017.07 | 1017.09 | 1017.12 | 1017.13 | 1017.06 | 1016.93 | 1017.11 |
| 26  | 0  | 1016.94 | 1016.89 | 1016.83 | 1016.75 | 1016.70 | 1016.68 | 1016.67 | 1016.71 | 1016.72 | 1016.76 | 1016.76 | 1016.72 | 1016.75 |
|     | 1  | 1016.74 | 1016.76 | 1016.67 | 1016.58 | 1016.49 | 1016.39 | 1016.34 | 1016.36 | 1016.38 | 1016.32 | 1016.25 | 1016.16 | 1016.45 |
|     | 2  | 1016.02 | 1015.93 | 1015.84 | 1015.79 | 1015.78 | 1015.72 | 1015.62 | 1015.57 | 1015.57 | 1015.55 | 1015.49 | 1015.43 | 1015.69 |
|     | 3  | 1015.36 | 1015.25 | 1015.15 | 1015.16 | 1015.15 | 1015.11 | 1015.09 | 1015.02 | 1014.97 | 1014.95 | 1014.99 | 1015.03 | 1015.10 |
|     | 4  | 1015.04 | 1015.04 | 1015.03 | 1015.01 | 1014.95 | 1014.94 | 1014.93 | 1014.87 | 1014.87 | 1014.94 | 1015.02 | 1015.03 | 1014.97 |
|     | 5  | 1015.01 | 1015.00 | 1014.93 | 1014.91 | 1014.92 | 1014.93 | 1014.93 | 1014.92 | 1014.91 | 1014.85 | 1014.85 | 1014.89 | 1014.92 |
|     | 6  | 1014.88 | 1014.89 | 1014.92 | 1014.94 | 1014.93 | 1014.87 | 1014.81 | 1014.81 | 1014.81 | 1014.82 | 1014.84 | 1014.85 | 1014.86 |
|     | 7  | 1014.92 | 1014.99 | 1015.00 | 1015.03 | 1015.05 | 1015.05 | 1015.08 | 1015.10 | 1015.12 | 1015.14 | 1015.16 | 1015.17 | 1015.07 |
|     | 8  | 1015.17 | 1015.17 | 1015.17 | 1015.17 | 1015.19 | 1015.21 | 1015.22 | 1015.20 | 1015.18 | 1015.17 | 1015.19 | 1015.21 | 1015.19 |
|     | 9  | 1015.22 | 1015.21 | 1015.22 | 1015.24 | 1015.28 | 1015.34 | 1015.38 | 1015.37 | 1015.34 | 1015.32 | 1015.31 | 1015.35 | 1015.30 |
|     | 10 | 1015.36 | 1015.32 | 1015.25 | 1015.23 | 1015.23 | 1015.21 | 1015.19 | 1015.19 | 1015.25 | 1015.22 | 1015.11 | 1015.05 | 1015.22 |
|     | 11 | 1014.96 | 1014.83 | 1014.80 | 1014.82 | 1014.79 | 1014.73 | 1014.65 | 1014.59 | 1014.56 | 1014.57 | 1014.61 | 1014.65 | 1014.71 |
|     | 12 | 1014.63 | 1014.61 | 1014.56 | 1014.49 | 1014.45 | 1014.46 | 1014.47 | 1014.43 | 1014.37 | 1014.34 | 1014.34 | 1014.34 | 1014.45 |
|     | 13 | 1014.28 | 1014.21 | 1014.17 | 1014.14 | 1014.09 | 1014.06 | 1014.04 | 1014.07 | 1014.09 | 1014.02 | 1013.98 | 1014.01 | 1014.10 |
|     | 14 | 1014.00 | 1013.97 | 1013.94 | 1013.88 | 1013.83 | 1013.78 | 1013.75 | 1013.72 | 1013.68 | 1013.68 | 1013.65 | 1013.64 | 1013.79 |
|     | 15 | 1013.65 | 1013.67 | 1013.67 | 1013.66 | 1013.69 | 1013.78 | 1013.83 | 1013.85 | 1013.87 | 1013.87 | 1013.89 | 1013.92 | 1013.78 |
|     | 16 | 1013.94 | 1013.95 | 1013.97 | 1014.01 | 1014.05 | 1014.07 | 1014.07 | 1014.09 | 1014.12 | 1014.15 | 1014.20 | 1014.26 | 1014.07 |
|     | 17 | 1014.30 | 1014.38 | 1014.48 | 1014.56 | 1014.65 | 1014.72 | 1014.78 | 1014.86 | 1014.94 | 1015.01 | 1015.06 | 1015.09 | 1014.73 |
|     | 18 | 1015.10 | 1015.07 | 1015.04 | 1015.04 | 1015.06 | 1015.06 | 1015.13 | 1015.20 | 1015.20 | 1015.16 | 1015.14 | 1015.13 | 1015.11 |
|     | 19 | 1015.09 | 1015.02 | 1015.01 | 1015.06 | 1015.09 | 1015.08 | 1015.07 | 1015.11 | 1015.18 | 1015.25 | 1015.31 | 1015.37 | 1015.13 |
|     | 20 | 1015.40 | 1015.41 | 1015.44 | 1015.41 | 1015.38 | 1015.39 | 1015.41 | 1015.44 | 1015.45 | 1015.48 | 1015.52 | 1015.57 | 1015.44 |
|     | 21 | 1015.62 | 1015.67 | 1015.74 | 1015.83 | 1015.92 | 1015.97 | 1016.01 | 1016.05 | 1016.06 | 1016.04 | 1016.08 | 1016.14 | 1015.92 |
|     | 22 | 1016.18 | 1016.19 | 1016.34 | 1016.59 | 1016.70 | 1016.94 | 1017.38 | 1017.68 | 1017.69 | 1017.50 | 1017.35 | 1017.31 | 1016.98 |
|     | 23 | 1017.23 | 1017.18 | 1017.27 | 1017.25 | 1017.15 | 1016.96 | 1016.85 | 1016.92 | 1016.95 | 1017.00 | 1017.03 | 1017.04 | 1017.07 |

S.V.I.R.CO. Observatory - Pressure in hectoPascal – December 2012

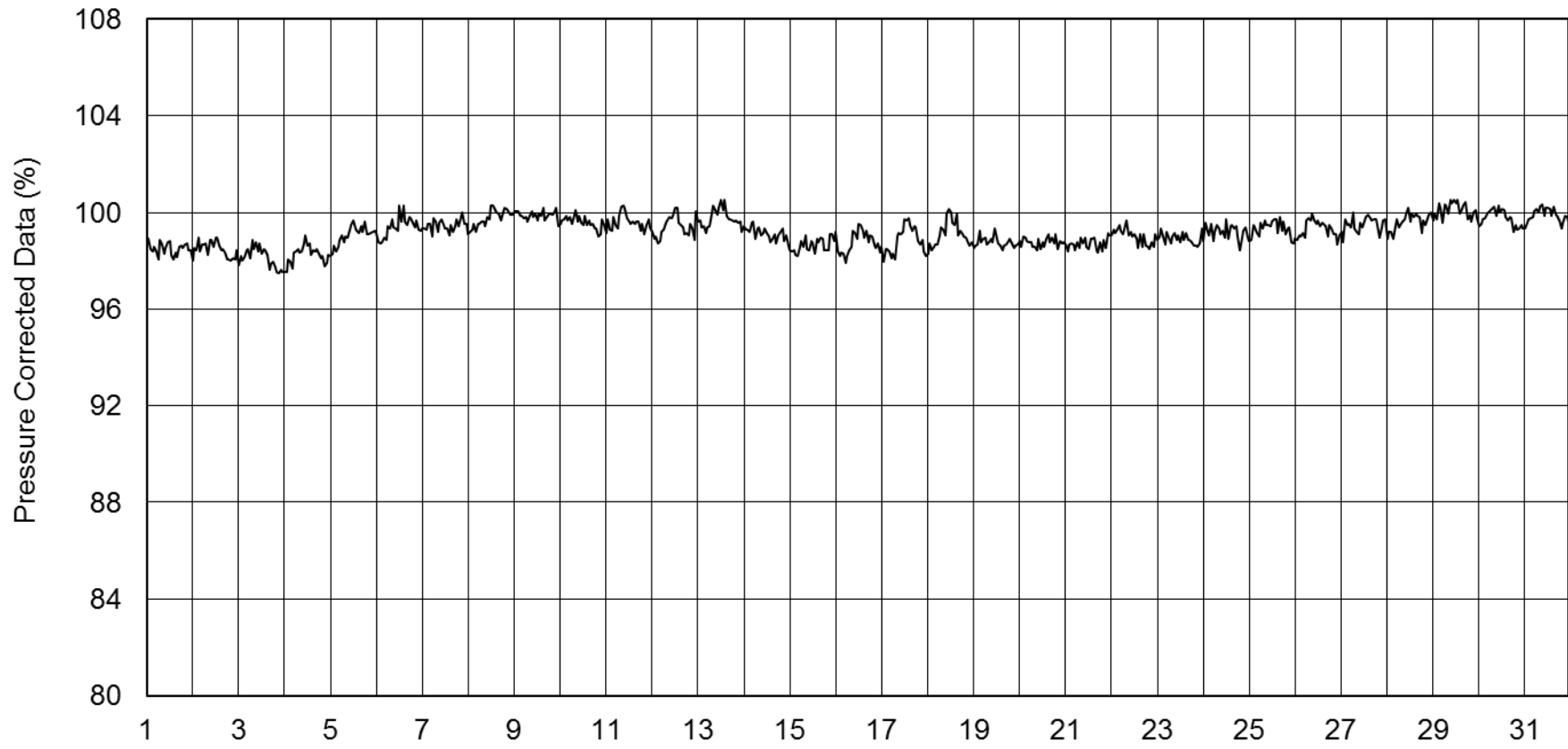
| day | hh | 00_05   | 05_10   | 10_15   | 15_20   | 20_25   | 25_30   | 30_35   | 35_40   | 40_45   | 45_50   | 50_55   | 55_60   | average |
|-----|----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 27  | 0  | 1017.20 | 1017.22 | 1017.25 | 1017.27 | 1017.28 | 1017.27 | 1017.25 | 1017.26 | 1017.31 | 1017.35 | 1017.38 | 1017.41 | 1017.29 |
|     | 1  | 1017.39 | 1017.41 | 1017.43 | 1017.43 | 1017.46 | 1017.49 | 1017.52 | 1017.56 | 1017.59 | 1017.62 | 1017.65 | 1017.68 | 1017.52 |
|     | 2  | 1017.73 | 1017.75 | 1017.76 | 1017.80 | 1017.84 | 1017.84 | 1017.84 | 1017.84 | 1017.78 | 1017.75 | 1017.78 | 1017.77 | 1017.79 |
|     | 3  | 1017.77 | 1017.78 | 1017.79 | 1017.81 | 1017.79 | 1017.77 | 1017.78 | 1017.76 | 1017.73 | 1017.73 | 1017.75 | 1017.81 | 1017.77 |
|     | 4  | 1017.89 | 1017.94 | 1018.02 | 1018.11 | 1018.14 | 1018.13 | 1018.13 | 1018.20 | 1018.29 | 1018.32 | 1018.32 | 1018.35 | 1018.15 |
|     | 5  | 1018.39 | 1018.42 | 1018.46 | 1018.53 | 1018.60 | 1018.63 | 1018.71 | 1018.81 | 1018.84 | 1018.80 | 1018.79 | 1018.86 | 1018.65 |
|     | 6  | 1018.92 | 1018.95 | 1018.99 | 1019.09 | 1019.15 | 1019.18 | 1019.21 | 1019.27 | 1019.30 | 1019.32 | 1019.35 | 1019.39 | 1019.18 |
|     | 7  | 1019.46 | 1019.54 | 1019.62 | 1019.67 | 1019.69 | 1019.74 | 1019.82 | 1019.91 | 1019.99 | 1020.06 | 1020.17 | 1020.24 | 1019.83 |
|     | 8  | 1020.30 | 1020.39 | 1020.44 | 1020.43 | 1020.42 | 1020.42 | 1020.44 | 1020.50 | 1020.58 | 1020.67 | 1020.73 | 1020.74 | 1020.50 |
|     | 9  | 1020.80 | 1020.93 | 1021.00 | 1021.02 | 1021.10 | 1021.20 | 1021.22 | 1021.20 | 1021.21 | 1021.24 | 1021.26 | 1021.28 | 1021.12 |
|     | 10 | 1021.30 | 1021.29 | 1021.28 | 1021.29 | 1021.28 | 1021.24 | 1021.21 | 1021.17 | 1021.11 | 1021.05 | 1021.00 | 1020.98 | 1021.18 |
|     | 11 | 1020.96 | 1020.90 | 1020.83 | 1020.78 | 1020.75 | 1020.71 | 1020.62 | 1020.50 | 1020.43 | 1020.40 | 1020.33 | 1020.27 | 1020.62 |
|     | 12 | 1020.23 | 1020.18 | 1020.16 | 1020.12 | 1020.04 | 1019.94 | 1019.86 | 1019.84 | 1019.85 | 1019.84 | 1019.83 | 1019.83 | 1019.98 |
|     | 13 | 1019.76 | 1019.66 | 1019.59 | 1019.46 | 1019.35 | 1019.36 | 1019.38 | 1019.35 | 1019.39 | 1019.43 | 1019.43 | 1019.50 | 1019.47 |
|     | 14 | 1019.62 | 1019.67 | 1019.66 | 1019.64 | 1019.68 | 1019.78 | 1019.78 | 1019.64 | 1019.55 | 1019.56 | 1019.54 | 1019.56 | 1019.64 |
|     | 15 | 1019.67 | 1019.75 | 1019.76 | 1019.65 | 1019.46 | 1019.35 | 1019.39 | 1019.52 | 1019.52 | 1019.45 | 1019.41 | 1019.37 | 1019.52 |
|     | 16 | 1019.32 | 1019.30 | 1019.28 | 1019.21 | 1019.11 | 1019.06 | 1019.10 | 1019.09 | 1019.07 | 1019.02 | 1018.90 | 1018.85 | 1019.11 |
|     | 17 | 1018.86 | 1018.84 | 1018.81 | 1018.77 | 1018.77 | 1018.76 | 1018.77 | 1018.74 | 1018.67 | 1018.62 | 1018.55 | 1018.51 | 1018.72 |
|     | 18 | 1018.46 | 1018.38 | 1018.32 | 1018.32 | 1018.35 | 1018.42 | 1018.47 | 1018.38 | 1018.29 | 1018.33 | 1018.45 | 1018.56 | 1018.39 |
|     | 19 | 1018.56 | 1018.45 | 1018.37 | 1018.39 | 1018.43 | 1018.45 | 1018.43 | 1018.43 | 1018.42 | 1018.42 | 1018.48 | 1018.46 | 1018.44 |
|     | 20 | 1018.39 | 1018.40 | 1018.44 | 1018.50 | 1018.59 | 1018.60 | 1018.51 | 1018.52 | 1018.54 | 1018.54 | 1018.58 | 1018.61 | 1018.52 |
|     | 21 | 1018.59 | 1018.61 | 1018.68 | 1018.75 | 1018.79 | 1018.78 | 1018.70 | 1018.56 | 1018.47 | 1018.45 | 1018.39 | 1018.31 | 1018.59 |
|     | 22 | 1018.31 | 1018.33 | 1018.29 | 1018.27 | 1018.28 | 1018.22 | 1018.12 | 1018.04 | 1017.96 | 1017.92 | 1017.99 | 1018.05 | 1018.15 |
|     | 23 | 1018.06 | 1018.09 | 1018.13 | 1018.10 | 1018.01 | 1017.88 | 1017.69 | 1017.54 | 1017.45 | 1017.43 | 1017.41 | 1017.34 | 1017.76 |
| 28  | 0  | 1017.10 | 1017.08 | 1017.05 | 1017.04 | 1017.00 | 1016.95 | 1016.88 | 1016.80 | 1016.78 | 1016.83 | 1016.87 | 1016.82 | 1016.93 |
|     | 1  | 1016.72 | 1016.74 | 1016.77 | 1016.73 | 1016.68 | 1016.66 | 1016.65 | 1016.66 | 1016.64 | 1016.59 | 1016.56 | 1016.48 | 1016.66 |
|     | 2  | 1016.40 | 1016.40 | 1016.43 | 1016.42 | 1016.33 | 1016.28 | 1016.32 | 1016.27 | 1016.18 | 1016.14 | 1016.17 | 1016.17 | 1016.29 |
|     | 3  | 1016.08 | 1016.00 | 1015.93 | 1015.82 | 1015.72 | 1015.71 | 1015.79 | 1015.83 | 1015.77 | 1015.70 | 1015.64 | 1015.60 | 1015.80 |
|     | 4  | 1015.55 | 1015.58 | 1015.67 | 1015.62 | 1015.49 | 1015.39 | 1015.30 | 1015.27 | 1015.40 | 1015.51 | 1015.53 | 1015.64 | 1015.50 |
|     | 5  | 1015.77 | 1015.83 | 1015.88 | 1015.90 | 1015.85 | 1015.90 | 1016.05 | 1016.17 | 1016.26 | 1016.26 | 1016.27 | 1016.37 | 1016.04 |
|     | 6  | 1016.44 | 1016.48 | 1016.52 | 1016.60 | 1016.69 | 1016.73 | 1016.76 | 1016.81 | 1016.87 | 1016.89 | 1016.94 | 1017.07 | 1016.73 |
|     | 7  | 1017.18 | 1017.24 | 1017.31 | 1017.37 | 1017.32 | 1017.27 | 1017.31 | 1017.37 | 1017.43 | 1017.45 | 1017.51 | 1017.59 | 1017.36 |
|     | 8  | 1017.63 | 1017.69 | 1017.79 | 1017.86 | 1017.90 | 1017.91 | 1017.94 | 1017.98 | 1018.06 | 1018.16 | 1018.27 | 1018.35 | 1017.96 |
|     | 9  | 1018.40 | 1018.47 | 1018.57 | 1018.65 | 1018.66 | 1018.62 | 1018.59 | 1018.62 | 1018.66 | 1018.63 | 1018.58 | 1018.54 | 1018.58 |
|     | 10 | 1018.53 | 1018.50 | 1018.50 | 1018.51 | 1018.49 | 1018.49 | 1018.52 | 1018.58 | 1018.64 | 1018.64 | 1018.61 | 1018.58 | 1018.55 |
|     | 11 | 1018.55 | 1018.52 | 1018.50 | 1018.48 | 1018.48 | 1018.46 | 1018.43 | 1018.39 | 1018.38 | 1018.40 | 1018.43 | 1018.45 | 1018.45 |
|     | 12 | 1018.46 | 1018.44 | 1018.40 | 1018.32 | 1018.24 | 1018.20 | 1018.15 | 1018.09 | 1018.06 | 1018.06 | 1018.06 | 1018.05 | 1018.21 |
|     | 13 | 1018.03 | 1018.02 | 1018.00 | 1017.99 | 1017.98 | 1017.95 | 1017.94 | 1017.94 | 1017.90 | 1017.86 | 1017.88 | 1017.95 | 1017.95 |
|     | 14 | 1017.97 | 1017.96 | 1017.97 | 1018.01 | 1018.07 | 1018.18 | 1018.27 | 1018.30 | 1018.34 | 1018.36 | 1018.39 | 1018.43 | 1018.19 |
|     | 15 | 1018.47 | 1018.52 | 1018.59 | 1018.66 | 1018.73 | 1018.79 | 1018.81 | 1018.83 | 1018.89 | 1018.95 | 1019.02 | 1019.08 | 1018.78 |
|     | 16 | 1019.15 | 1019.24 | 1019.30 | 1019.35 | 1019.41 | 1019.47 | 1019.53 | 1019.59 | 1019.65 | 1019.68 | 1019.72 | 1019.76 | 1019.49 |
|     | 17 | 1019.77 | 1019.79 | 1019.83 | 1019.87 | 1019.92 | 1019.99 | 1020.08 | 1020.19 | 1020.31 | 1020.44 | 1020.59 | 1020.68 | 1020.12 |
|     | 18 | 1020.71 | 1020.79 | 1020.90 | 1020.95 | 1021.00 | 1021.05 | 1021.08 | 1021.09 | 1021.12 | 1021.20 | 1021.30 | 1021.36 | 1021.05 |
|     | 19 | 1021.40 | 1021.47 | 1021.52 | 1021.54 | 1021.58 | 1021.62 | 1021.65 | 1021.72 | 1021.78 | 1021.82 | 1021.87 | 1021.91 | 1021.66 |
|     | 20 | 1021.94 | 1022.01 | 1022.05 | 1022.08 | 1022.18 | 1022.26 | 1022.30 | 1022.39 | 1022.48 | 1022.49 | 1022.53 | 1022.62 | 1022.28 |
|     | 21 | 1022.70 | 1022.75 | 1022.81 | 1022.86 | 1022.89 | 1022.95 | 1023.00 | 1023.01 | 1023.04 | 1023.11 | 1023.16 | 1023.12 | 1022.95 |
|     | 22 | 1023.09 | 1023.11 | 1023.16 | 1023.14 | 1023.11 | 1023.10 | 1023.11 | 1023.22 | 1023.35 | 1023.42 | 1023.45 | 1023.48 | 1023.23 |
|     | 23 | 1023.51 | 1023.49 | 1023.43 | 1023.35 | 1023.25 | 1023.20 | 1023.16 | 1023.12 | 1023.14 | 1023.18 | 1023.22 | 1023.20 | 1023.27 |

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| day | hh | 00_05   | 05_10   | 10_15   | 15_20   | 20_25   | 25_30   | 30_35   | 35_40   | 40_45   | 45_50   | 50_55   | 55_60   | average |
|-----|----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 29  | 0  | 1023.10 | 1023.06 | 1022.99 | 1022.93 | 1022.89 | 1022.87 | 1022.85 | 1022.88 | 1022.97 | 1023.03 | 1023.04 | 1023.04 | 1022.96 |
|     | 1  | 1023.02 | 1022.96 | 1022.88 | 1022.81 | 1022.82 | 1022.91 | 1022.96 | 1022.90 | 1022.80 | 1022.79 | 1022.79 | 1022.74 | 1022.87 |
|     | 2  | 1022.71 | 1022.70 | 1022.66 | 1022.61 | 1022.59 | 1022.58 | 1022.59 | 1022.63 | 1022.54 | 1022.48 | 1022.51 | 1022.49 | 1022.59 |
|     | 3  | 1022.50 | 1022.53 | 1022.55 | 1022.56 | 1022.57 | 1022.59 | 1022.58 | 1022.60 | 1022.70 | 1022.72 | 1022.70 | 1022.68 | 1022.61 |
|     | 4  | 1022.73 | 1022.85 | 1022.90 | 1022.84 | 1022.74 | 1022.72 | 1022.73 | 1022.71 | 1022.64 | 1022.60 | 1022.61 | 1022.63 | 1022.72 |
|     | 5  | 1022.72 | 1022.89 | 1023.03 | 1023.01 | 1023.02 | 1023.06 | 1023.00 | 1022.97 | 1023.01 | 1023.06 | 1023.14 | 1023.19 | 1023.01 |
|     | 6  | 1023.21 | 1023.24 | 1023.18 | 1023.06 | 1023.01 | 1023.06 | 1023.16 | 1023.26 | 1023.34 | 1023.32 | 1023.21 | 1023.13 | 1023.18 |
|     | 7  | 1023.15 | 1023.19 | 1023.18 | 1023.15 | 1023.13 | 1023.09 | 1023.05 | 1023.03 | 1023.09 | 1023.12 | 1023.07 | 1023.07 | 1023.11 |
|     | 8  | 1023.07 | 1023.03 | 1022.99 | 1022.97 | 1023.02 | 1023.11 | 1023.17 | 1023.22 | 1023.26 | 1023.30 | 1023.31 | 1023.26 | 1023.14 |
|     | 9  | 1023.21 | 1023.19 | 1023.13 | 1023.09 | 1023.12 | 1023.15 | 1023.12 | 1023.07 | 1023.01 | 1022.89 | 1022.82 | 1022.82 | 1023.05 |
|     | 10 | 1022.80 | 1022.75 | 1022.73 | 1022.69 | 1022.59 | 1022.51 | 1022.48 | 1022.43 | 1022.34 | 1022.28 | 1022.26 | 1022.19 | 1022.50 |
|     | 11 | 1022.12 | 1022.06 | 1021.98 | 1021.83 | 1021.67 | 1021.50 | 1021.35 | 1021.27 | 1021.25 | 1021.29 | 1021.28 | 1021.29 | 1021.57 |
|     | 12 | 1021.33 | 1021.34 | 1021.32 | 1021.23 | 1021.14 | 1021.07 | 1021.08 | 1021.14 | 1021.12 | 1021.05 | 1021.01 | 1021.03 | 1021.16 |
|     | 13 | 1021.02 | 1020.94 | 1020.85 | 1020.79 | 1020.78 | 1020.83 | 1020.85 | 1020.88 | 1020.91 | 1020.91 | 1020.89 | 1020.86 | 1020.87 |
|     | 14 | 1020.89 | 1020.91 | 1020.85 | 1020.77 | 1020.79 | 1020.88 | 1020.93 | 1020.87 | 1020.71 | 1020.59 | 1020.61 | 1020.64 | 1020.78 |
|     | 15 | 1020.61 | 1020.62 | 1020.67 | 1020.64 | 1020.56 | 1020.50 | 1020.42 | 1020.36 | 1020.38 | 1020.39 | 1020.34 | 1020.30 | 1020.48 |
|     | 16 | 1020.28 | 1020.27 | 1020.25 | 1020.19 | 1020.13 | 1020.10 | 1020.10 | 1020.10 | 1020.11 | 1020.07 | 1020.04 | 1020.10 | 1020.14 |
|     | 17 | 1020.21 | 1020.24 | 1020.24 | 1020.28 | 1020.32 | 1020.33 | 1020.30 | 1020.31 | 1020.35 | 1020.38 | 1020.37 | 1020.36 | 1020.31 |
|     | 18 | 1020.41 | 1020.46 | 1020.47 | 1020.46 | 1020.43 | 1020.36 | 1020.34 | 1020.40 | 1020.50 | 1020.60 | 1020.64 | 1020.60 | 1020.47 |
|     | 19 | 1020.58 | 1020.60 | 1020.66 | 1020.68 | 1020.70 | 1020.72 | 1020.75 | 1020.77 | 1020.73 | 1020.78 | 1020.86 | 1020.88 | 1020.72 |
|     | 20 | 1020.89 | 1020.87 | 1020.84 | 1020.85 | 1020.81 | 1020.76 | 1020.80 | 1020.89 | 1020.91 | 1020.90 | 1020.92 | 1020.97 | 1020.87 |
|     | 21 | 1021.05 | 1021.12 | 1021.12 | 1021.14 | 1021.21 | 1021.24 | 1021.27 | 1021.35 | 1021.47 | 1021.53 | 1021.54 | 1021.59 | 1021.30 |
|     | 22 | 1021.67 | 1021.72 | 1021.68 | 1021.67 | 1021.73 | 1021.77 | 1021.79 | 1021.81 | 1021.84 | 1021.85 | 1021.78 | 1021.71 | 1021.75 |
|     | 23 | 1021.71 | 1021.71 | 1021.68 | 1021.68 | 1021.71 | 1021.69 | 1021.66 | 1021.69 | 1021.75 | 1021.76 | 1021.72 | 1021.71 | 1021.70 |
| 30  | 0  | 1021.73 | 1021.75 | 1021.79 | 1021.80 | 1021.76 | 1021.75 | 1021.80 | 1021.81 | 1021.84 | 1021.89 | 1021.88 | 1021.89 | 1021.81 |
|     | 1  | 1021.92 | 1021.95 | 1021.97 | 1021.96 | 1021.96 | 1021.94 | 1021.88 | 1021.86 | 1021.91 | 1021.90 | 1021.90 | 1021.91 | 1021.92 |
|     | 2  | 1021.87 | 1021.85 | 1021.83 | 1021.82 | 1021.78 | 1021.71 | 1021.68 | 1021.71 | 1021.69 | 1021.65 | 1021.64 | 1021.60 | 1021.74 |
|     | 3  | 1021.53 | 1021.52 | 1021.52 | 1021.43 | 1021.39 | 1021.40 | 1021.43 | 1021.44 | 1021.45 | 1021.45 | 1021.47 | 1021.46 | 1021.45 |
|     | 4  | 1021.44 | 1021.50 | 1021.55 | 1021.58 | 1021.59 | 1021.58 | 1021.61 | 1021.67 | 1021.72 | 1021.73 | 1021.76 | 1021.79 | 1021.63 |
|     | 5  | 1021.83 | 1021.89 | 1021.95 | 1022.01 | 1022.04 | 1022.09 | 1022.11 | 1022.08 | 1022.06 | 1022.07 | 1022.08 | 1022.07 | 1022.02 |
|     | 6  | 1022.05 | 1022.06 | 1022.05 | 1022.05 | 1022.04 | 1022.03 | 1022.05 | 1022.06 | 1022.09 | 1022.13 | 1022.12 | 1022.14 | 1022.07 |
|     | 7  | 1022.15 | 1022.17 | 1022.25 | 1022.30 | 1022.34 | 1022.36 | 1022.38 | 1022.45 | 1022.52 | 1022.56 | 1022.57 | 1022.64 | 1022.39 |
|     | 8  | 1022.75 | 1022.87 | 1022.96 | 1022.99 | 1022.99 | 1022.99 | 1023.04 | 1023.09 | 1023.12 | 1023.18 | 1023.24 | 1023.27 | 1023.04 |
|     | 9  | 1023.33 | 1023.37 | 1023.42 | 1023.46 | 1023.50 | 1023.54 | 1023.57 | 1023.57 | 1023.54 | 1023.54 | 1023.52 | 1023.47 | 1023.49 |
|     | 10 | 1023.41 | 1023.34 | 1023.30 | 1023.26 | 1023.25 | 1023.24 | 1023.22 | 1023.23 | 1023.19 | 1023.10 | 1023.02 | 1022.96 | 1023.21 |
|     | 11 | 1022.88 | 1022.78 | 1022.70 | 1022.64 | 1022.56 | 1022.46 | 1022.39 | 1022.34 | 1022.27 | 1022.20 | 1022.16 | 1022.08 | 1022.45 |
|     | 12 | 1022.02 | 1022.01 | 1021.94 | 1021.83 | 1021.76 | 1021.71 | 1021.63 | 1021.53 | 1021.47 | 1021.44 | 1021.40 | 1021.37 | 1021.68 |
|     | 13 | 1021.32 | 1021.27 | 1021.23 | 1021.19 | 1021.17 | 1021.16 | 1021.15 | 1021.11 | 1021.05 | 1021.00 | 1020.98 | 1020.97 | 1021.13 |
|     | 14 | 1020.93 | 1020.88 | 1020.86 | 1020.85 | 1020.83 | 1020.83 | 1020.89 | 1020.96 | 1021.02 | 1021.06 | 1021.08 | 1021.11 | 1020.94 |
|     | 15 | 1021.14 | 1021.16 | 1021.13 | 1021.11 | 1021.12 | 1021.14 | 1021.13 | 1021.15 | 1021.19 | 1021.21 | 1021.21 | 1021.22 | 1021.16 |
|     | 16 | 1021.23 | 1021.21 | 1021.22 | 1021.27 | 1021.32 | 1021.37 | 1021.40 | 1021.44 | 1021.45 | 1021.43 | 1021.50 | 1021.61 | 1021.37 |
|     | 17 | 1021.65 | 1021.65 | 1021.72 | 1021.79 | 1021.82 | 1021.86 | 1021.89 | 1021.92 | 1021.97 | 1022.03 | 1022.07 | 1022.09 | 1021.87 |
|     | 18 | 1022.13 | 1022.13 | 1022.13 | 1022.15 | 1022.18 | 1022.21 | 1022.19 | 1022.20 | 1022.21 | 1022.22 | 1022.24 | 1022.23 | 1022.18 |
|     | 19 | 1022.21 | 1022.18 | 1022.15 | 1022.20 | 1022.28 | 1022.33 | 1022.36 | 1022.39 | 1022.45 | 1022.53 | 1022.59 | 1022.63 | 1022.36 |
|     | 20 | 1022.66 | 1022.65 | 1022.65 | 1022.68 | 1022.69 | 1022.70 | 1022.71 | 1022.72 | 1022.73 | 1022.73 | 1022.73 | 1022.77 | 1022.70 |
|     | 21 | 1022.80 | 1022.81 | 1022.82 | 1022.84 | 1022.85 | 1022.89 | 1022.94 | 1022.98 | 1023.02 | 1023.05 | 1023.09 | 1023.12 | 1022.93 |
|     | 22 | 1023.15 | 1023.16 | 1023.16 | 1023.16 | 1023.18 | 1023.22 | 1023.22 | 1023.20 | 1023.15 | 1023.09 | 1023.06 | 1023.06 | 1023.15 |
|     | 23 | 1023.08 | 1023.09 | 1023.12 | 1023.13 | 1023.11 | 1023.08 | 1023.03 | 1023.00 | 1022.98 | 1022.97 | 1022.95 | 1022.91 | 1023.04 |

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| day | hh | 00_05   | 05_10   | 10_15   | 15_20   | 20_25   | 25_30   | 30_35   | 35_40   | 40_45   | 45_50   | 50_55   | 55_60   | average |
|-----|----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 31  | 0  | 1022.92 | 1022.91 | 1022.90 | 1022.91 | 1022.92 | 1022.92 | 1022.92 | 1022.91 | 1022.92 | 1022.95 | 1022.97 | 1023.01 | 1022.93 |
|     | 1  | 1023.06 | 1023.10 | 1023.15 | 1023.19 | 1023.19 | 1023.18 | 1023.18 | 1023.15 | 1023.11 | 1023.07 | 1023.02 | 1022.99 | 1023.12 |
|     | 2  | 1022.99 | 1023.02 | 1023.04 | 1023.05 | 1023.07 | 1023.06 | 1023.03 | 1023.03 | 1023.04 | 1023.00 | 1022.95 | 1022.93 | 1023.02 |
|     | 3  | 1022.94 | 1022.96 | 1022.97 | 1022.94 | 1022.90 | 1022.89 | 1022.87 | 1022.86 | 1022.87 | 1022.88 | 1022.86 | 1022.84 | 1022.90 |
|     | 4  | 1022.85 | 1022.88 | 1022.92 | 1022.91 | 1022.91 | 1022.93 | 1022.93 | 1022.92 | 1022.94 | 1022.96 | 1022.99 | 1023.04 | 1022.93 |
|     | 5  | 1023.09 | 1023.15 | 1023.17 | 1023.18 | 1023.21 | 1023.27 | 1023.30 | 1023.33 | 1023.36 | 1023.37 | 1023.38 | 1023.40 | 1023.27 |
|     | 6  | 1023.43 | 1023.45 | 1023.46 | 1023.47 | 1023.49 | 1023.49 | 1023.50 | 1023.54 | 1023.56 | 1023.60 | 1023.63 | 1023.65 | 1023.52 |
|     | 7  | 1023.70 | 1023.75 | 1023.79 | 1023.82 | 1023.82 | 1023.82 | 1023.83 | 1023.83 | 1023.86 | 1023.95 | 1024.05 | 1024.11 | 1023.86 |
|     | 8  | 1024.12 | 1024.13 | 1024.16 | 1024.17 | 1024.16 | 1024.17 | 1024.17 | 1024.18 | 1024.19 | 1024.22 | 1024.27 | 1024.31 | 1024.19 |
|     | 9  | 1024.35 | 1024.39 | 1024.42 | 1024.47 | 1024.50 | 1024.51 | 1024.46 | 1024.41 | 1024.36 | 1024.30 | 1024.25 | 1024.21 | 1024.38 |
|     | 10 | 1024.18 | 1024.15 | 1024.11 | 1024.04 | 1023.94 | 1023.84 | 1023.76 | 1023.69 | 1023.57 | 1023.46 | 1023.40 | 1023.36 | 1023.79 |
|     | 11 | 1023.30 | 1023.22 | 1023.13 | 1023.04 | 1022.96 | 1022.85 | 1022.73 | 1022.62 | 1022.53 | 1022.46 | 1022.39 | 1022.34 | 1022.80 |
|     | 12 | 1022.29 | 1022.24 | 1022.19 | 1022.13 | 1022.08 | 1022.03 | 1021.96 | 1021.87 | 1021.79 | 1021.76 | 1021.74 | 1021.72 | 1021.98 |
|     | 13 | 1021.69 | 1021.64 | 1021.59 | 1021.54 | 1021.48 | 1021.48 | 1021.50 | 1021.49 | 1021.47 | 1021.46 | 1021.45 | 1021.44 | 1021.52 |
|     | 14 | 1021.44 | 1021.44 | 1021.44 | 1021.43 | 1021.43 | 1021.41 | 1021.41 | 1021.39 | 1021.36 | 1021.34 | 1021.31 | 1021.26 | 1021.39 |
|     | 15 | 1021.23 | 1021.23 | 1021.23 | 1021.23 | 1021.20 | 1021.15 | 1021.13 | 1021.11 | 1021.09 | 1021.08 | 1021.05 | 1021.04 | 1021.15 |
|     | 16 | 1021.06 | 1021.09 | 1021.12 | 1021.13 | 1021.14 | 1021.13 | 1021.14 | 1021.18 | 1021.23 | 1021.27 | 1021.33 | 1021.35 | 1021.18 |
|     | 17 | 1021.35 | 1021.39 | 1021.44 | 1021.48 | 1021.51 | 1021.54 | 1021.55 | 1021.54 | 1021.55 | 1021.55 | 1021.55 | 1021.56 | 1021.50 |
|     | 18 | 1021.57 | 1021.59 | 1021.61 | 1021.63 | 1021.66 | 1021.66 | 1021.65 | 1021.66 | 1021.66 | 1021.63 | 1021.61 | 1021.60 | 1021.63 |
|     | 19 | 1021.58 | 1021.54 | 1021.52 | 1021.50 | 1021.48 | 1021.45 | 1021.40 | 1021.36 | 1021.31 | 1021.25 | 1021.23 | 1021.22 | 1021.40 |
|     | 20 | 1021.19 | 1021.15 | 1021.10 | 1021.09 | 1021.11 | 1021.08 | 1021.06 | 1021.07 | 1021.04 | 1021.00 | 1020.97 | 1020.93 | 1021.07 |
|     | 21 | 1020.88 | 1020.85 | 1020.82 | 1020.80 | 1020.79 | 1020.80 | 1020.83 | 1020.86 | 1020.90 | 1020.90 | 1020.91 | 1020.92 | 1020.86 |
|     | 22 | 1020.92 | 1020.90 | 1020.86 | 1020.83 | 1020.81 | 1020.80 | 1020.78 | 1020.78 | 1020.80 | 1020.82 | 1020.84 | 1020.84 | 1020.83 |
|     | 23 | 1020.82 | 1020.79 | 1020.76 | 1020.74 | 1020.71 | 1020.65 | 1020.63 | 1020.60 | 1020.53 | 1020.50 | 1020.50 | 1020.49 | 1020.64 |





S.V.I.R.CO. Observatory - Pressure in hectoPascal

December 2012

