

AIRS/AMSU/HSB Version 7 L2 Standard Pressure Levels

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9 June 2020
Version 1.1.0



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AIRS V7 L2 Standard Pressure Levels

Index	pressStd, mb	pressH2O, mb
1	1100.0	1100.0
2	1000.0	1000.0
3	925.0	925.0
4	850.0	850.0
5	700.0	700.0
6	600.0	600.0
7	500.0	500.0
8	400.0	400.0
9	300.0	300.0
10	250.0	250.0
11	200.0	200.0
12	150.0	150.0
13	100.0	100.0
14	70.0	70.0
15	50.0	50.0
16	30.0	
17	20.0	
18	15.0	
19	10.0	
20	7.0	
21	5.0	
22	3.0	
23	2.0	
24	1.5	
25	1.0	
26	0.5	
27	0.2	
28	0.1	

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The **pressStd** array appears in the Level 2 Standard Product once per granule, and is ordered from bottom of atmosphere to top. It identifies the pressure levels upon which are reported **TAirStd**, **TAirMWOnlyStd**, **GP_Height**, and **GP_Height_MWOnly**. They are also the levels that bound **O3VMRStd** and on which **O3VMRStd** and **O3VMRLevStd** are reported. The array has not been modified since launch in May, 2002.

The **pressH2O** array is also ordered from bottom of the atmosphere upward and identifies the pressure levels that bound **H2OMMRStd**, **H2OMMRSat**, and **H2OMMRSat_liquid**. These layer quantities are reported on the pressure level that bounds the high-pressure side of the layers, so that there is no 50 hPa report for these quantities. However, the level quantities, **H2OMMRLevStd**, **H2OMMRSatLevStd** and **H2OMMRSatLevStd_liquid**, are reported on all 15 pressure levels.

Both pressures arrays appear in the Level 2 Standard Product once per granule as attributes. They are shared by all retrievals, and so need not be replicated 1350 times as full swath arrays.