

AIRS/AMSU/HSB Version 5 L2 Standard Pressure Levels

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Submit Questions to:

<http://airs.jpl.nasa.gov/AskAirs>

AIRS V5 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	

AIRS V5 L2 Standard Pressure Levels

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**, **TAirMWOlyStd**, **GP_Height**, and **GP_Height_MWOly**. They are also the levels that bound **O3VMRStd**. The array has not been modified since launch in May, 2002.

The **pressH2O** array is new to Version 5. It is also ordered from bottom of the atmosphere upward and identifies the pressure levels that bound **H2OMMRStd**, **H2OMMRSat**, and **H2OMMRSat_liquid**.

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.