

AMSR2 Level-2 Product Pixel Data Quality

bit7-4: Error reason, bit3-0: Data status, Value: 8-bit unsigned integer

Snow Depth, SND

bit7	bit6	bit5	bit4	bit3	bit2	bit1	bit0	Value	Status
0	0	0	0	0	0	0	1	1	No snow
0	0	0	0	0	0	1	0	2	Wet snow
0	0	0	0	0	0	1	1	3	Dry snow
0	0	0	0	0	1	0	0	4	Cold snow
0	0	0	0	0	1	0	1	5	High elevation false snow (frozen ground)
0	0	0	0	0	1	1	0	6	Shallow snow
0	0	0	1	0	0	0	0	16	Ocean
0	0	1	0	0	0	0	0	32	Snow impossible
0	0	1	1	0	0	0	0	48	Permanent ice
0	1	0	0	0	0	0	0	64	Lake Ice
0	1	0	1	0	0	0	0	80	Lake
1	1	0	0	0	0	0	0	192	Tb out of range
1	1	0	1	0	0	0	0	208	Satellite attitude out
1	1	1	0	0	0	0	0	224	Missing Tb values
1	1	1	1	0	0	0	0	240	No data snow density

* The values in the table are the values when read as 8-bit unsigned integer.