GOES-R Data Products (1 of 2)

Product	Main ABI bands (µm)	More ABI bands (µm)	SND	CW
Aerosols/dust/smoke	0.47, 2.2, 8.5, 12.3	0.64, 0.86, 1.6, 10.3, 11.2	Y	Y
Clear sky masks	0.64, 1.38, 8.5, 11.2, 12.3	0.47, 0.86, 1.6, 8.5, 13.3		
Cloud imagery	0.64, 1.38, 3.9, 11.2, 13.3	0.86, 8.5, 10.3	Y	
Cloud top microphysics	0.64, 1.6, 3.9, 10.3, 11.2	0.86, 8.5, 10.3	Y	
Cloud top phase	1.6, 8.5, 11.2, 13.3	0.64, 1.38, 2.2	Y	
Cloud top press/temp	8.5, 11.2, 13.3	3.9, 6.2, 7.0, 10.3	Y	
Fires/hot spots	3.9, 11.2	0.64, 2.2, 12.3, 13.3		Y
Burn scars	0.86	0.64, 10.3		Y
Hurricane intensity	11.2	0.64, 3.9, 6.2, 8.5, 13.3	Y	
Insolation	0.47, 0.64	0.86, 1.6		
Land skin temp	3.9, 11.2, 12.3	7.3, 8.5, 10.3	Y	
Fog/low cloud	3.9, 11.2	0.64, 1.6, 10.3, 12.3	Y	

SND = Hyperspectral Environmental Infrared Sounder
CW = Hyperspectral Coastal Waters (imager)

GOES-R Data Products (2 of 2)

Product	Main ABI bands (µm)	More ABI bands (µm)	SND	CW
Derived motion	0.64, 3.9, 6.2, 7, 7.3, 11.2	0.86, 1.38, 9.6, 10, 11, 12	Y	
Sea ice	0.64, 1.6	2.2, 3.9, 11.2, 12.3		
Sea surface temp	3.9, 11.2, 12.3	8.5, 10.3	Y	
Snow (cover)	1.61	0.64, 0.86, 2.2, 3.9, 11.2		Y
SO2 (upper level)	8.5, 7.3	9.6, 11.2, 13.3	Y	
Surface properties	8.5, 10.3	11.2	Y	
Suspended sediment	0.64, 0.86	0.47		Y
Total ozone	9.6	11.2, 13.3	Y	
Turbulence	6.2, 7.0, 9.6	7.3, 11.2, 13.3		
Vegetation index	0.86	0.64, 2.2		Y
Volcanic ash	0.64, 3.9, 8.5, 12.3	7.3, 11.2, 13.3	Y	
Temp/Moisture profiles			Y!	

SND = Hyperspectral Environmental Infrared Sounder
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