

GSI name	Content
Prepbuf	Conventional observations, including ps, t, q,pw, uv, spd, dw, sst, from observation platforms such as METAR, sounding, et al.
amsuabuf	AMSU-A 1b radiance (brightness temperatures) from satellites NOAA-15, 16,17,18, 19 and METOP-A/B
amsubbuf	AMSU-B 1b radiance (brightness temperatures) from satellites NOAA15, 16,17
gsprobuf	GPS radio occultation observation
ssmirbuf	Precipitation rate observations fromSSM/I
Hires3buf	HIRS3 1b radiance observations from satellite NOAA16, 17
Hires4buf	HIRS4 1b radiance observation from satellite NOAA 18, 19 and METOP-A/B
airsbuf	AMSU-A and AIRS radiances from satellite AQUA
mhsbuf	Microwave Humidity Sounder observation from NOAA 18, 19 and METOP-A/B
ssmisbuf	SSMI observation from satellite f13, f14, f15
Gsnd1buf	GOES sounder radiance (sndrd1, sndrd2, sndrd3 sndrd4) from GOES 11, 12, 13.
iasibuf	Infrared Atmospheric Sounding Interfero-meter sounder observations from METOP-A/B
seviribuf	SEVIRI radiance from MET-08,09,10
atmsbuf	ATMS radiance from Suomi NPP
crisbuf	CRIS radiance from Suomi NPP