

Datasets used as input to HWRF (Note this table is a work in progress and subject to change - last update 10/30/2018)

	Public Access	NCAR (Public Access)	Nomads NCDC (Public Access)	NCEP Nomads and FTP (Public Access)
GFS analysis and forecast gridded data (GRIB)	N/A	GRIB2 1 deg 2002-present Analysis http://rda.ucar.edu/datasets/ds335.0/	GRIB2 0.5 deg http://nomads.ncdc.noaa.gov/data/gfs4/ GRIB1 1 deg past one year only http://nomads.ncdc.noaa.gov/data/gfs-avn-hi/	GRIB2 1 deg near-realtime NOMADS http://nomads.ncep.noaa.gov/pub/data/nccf/com/gfs/prod/
GFS analysis and forecast spectral data (binary) including NEMSIO	N/A	N/A	N/A	Realtime FTP ftp://ftp.ncep.noaa.gov/pub/data/nccf/com/gfs/prod/gfs.\$Y\$YYMMDDHH
GFS analysis spectral data (sfcml) for ocean initialization	N/A	N/A	N/A	Realtime http://www.nco.ncep.noaa.gov/pmb/products/gfs/#GFS
GDAS analysis and forecast gridded data	N/A	N/A	GRIB2 1 deg Past one year only http://nomads.ncdc.noaa.gov/data/gdas/	GRIB2 1 deg Near-realtime rotating NOMADS http://nomads.ncep.noaa.gov/pub/data/nccf/com/gfs/prod/gdas.YYYYYMMDD
GDAS spectral data	N/A	N/A	Past one year only http://nomads.ncdc.noaa.gov/data/gdas	N/A
GFS ensemble spectral files for GSI	N/A	N/A		Near Realtime (Last two days) ftp://ftp.ncep.noaa.gov/pub/data/nccf/com/gfs/prod/enkf.Y\$YYMMDD/ http://nomads.ncep.noaa.gov/pub/data/nccf/com/gfs/prod/enkf/YYYYMMDDHH/
Non-restricted conventional observations in prepBUFR format	N/A	GDAS 1997-present missing type 290 (not used by HWRF) http://rda.ucar.edu/datasets/ds337.0	GDAS Past one year http://nomads.ncdc.noaa.gov/data/gdas	GDAS NOMADS The last 1 month http://nomads.ncep.noaa.gov/pub/data/nccf/com/gfs/prod/gfs.YYYYYMMDDHH
Ocean loop- current, warm/cold cores	Current: ftp://ftp.nhc.noaa.gov/atcf/com/	N/A	N/A	N/A
RTOFS			Last 2 days http://nomads.ncep.noaa.gov/pub/data/nccf/com/rtofs/prod/rtofs.YYYYYMMDD/	
TEMP DROP	http://www.aoml.noaa.gov/hrd/data_sub/dropsonde.html			
TCVitals	N/A	N/A	N/A	Realtime: ftp://ftpprd.ncep.noaa.gov/pub/data/nccf/com/arch/prod/syndat/syndat_tcvitals.YYYY

Realtime HWRF forecasts and other products are also available at <http://www.nco.ncep.noaa.gov/pmb/products/hur/#HWRF>.