CFS Reanalysis Monthly Mean Files (22 types):

FILE NAME FIELD	FILE NAME FIELD DEFINITION	GRID RESOLUTION	VERTICAL LEVELS
diabf	Full-Resolution 3-D Diabatic Heating and Moistening Rates	1.0 x 1.0 Deg Lat/Lon	37 Pressure (hPa) Levels
diabl	Low-Resolution 3-D Diabatic Heating and Moistening Rates	2.5 x 2.5 Deg Lat/Lon	37 Pressure (hPa) Levels
egyh	High-Resolution 3-D Forecast Energetics Data	0.5 x 0.5 Deg Lat/Lon	37 Pressure (hPa) Levels
egyhnl	High-Resolution 3-D Analysis Energetics Data	0.5 x 0.5 Deg Lat/Lon	37 Pressure (hPa) Levels
egyl	Low-Resolution 3-D Forecast Energetics Data	2.5 x 2.5 Deg Lat/Lon	37 Pressure (hPa) Levels
egylnl	Low-Resolution 3-D Analysis Energetics Data	2.5 x 2.5 Deg Lat/Lon	37 Pressure (hPa) Levels
flxf	Full-Resolution Surface and Radiative Fluxes	T382 Gaussian	N/A
flxl	Low-Resolution Surface and Radiative Fluxes	T62 Gaussian	N/A
ipvh	High-Resolution 3-D Forecast Isentropic Data	0.5 x 0.5 Deg Lat/Lon	16 Isentropic (K) Levels
ipvhnl	High-Resolution 3-D Analysis Isentropic Data	0.5 x 0.5 Deg Lat/Lon	16 Isentropic (K) Levels
ipvl	Low-Resolution 3-D Forecast Isentropic Data	2.5 x 2.5 Deg Lat/Lon	16 Isentropic (K) Levels
ipvlnl	Low-Resolution 3-D Analysis Isentropic Data	2.5 x 2.5 Deg Lat/Lon	16 Isentropic (K) Levels
ocnf	Full-Resolution 3-D Ocean data	1.0 x 1.0 Deg Lat/Lon	40 Depth (m) Levels
ocnh	High-Resolution 3-D Ocean data	0.5 x 0.5 Deg Lat/Lon	40 Depth (m) Levels
pgbh	High-Resolution 3-D Forecast Pressure Level Data	0.5 x 0.5 Deg Lat/Lon	37 Pressure (hPa) Levels
pgbhnl	High-Resolution 3-D Analysis Pressure Level Data	0.5 x 0.5 Deg Lat/Lon	37 Pressure (hPa) Levels
pgbl	Low-Resolution 3-D Forecast Pressure Level Data	2.5 x 2.5 Deg Lat/Lon	37 Pressure (hPa) Levels
pgblnl	Low-Resolution 3-D Analysis Pressure Level Data	2.5 x 2.5 Deg Lat/Lon	37 Pressure (hPa) Levels
splanl	Full-Resolution Surface Analysis Data	T382 Gaussian	N/A
splf	Full-Resolution Surface Forecast Data	T382 Gaussian	N/A
spll	Low-Resolution Surface Forecast Data	T62 Gaussian	N/A
spllnl	Low-Resolution Surface Analysis Data	T62 Gaussian	N/A

CFS Reanalysis Grid Information (and Monthly Means file sizes):

prefix	fields	gridpoints	type	W-E dim	N-S dim	MB/file	Frequency
diabf01	926	65160	lat-lon	360	181	70	5/mo
diabf02	926	65160	lat-lon	360	181	70	5/mo
diabf03	926	65160	lat-lon	360	181	70	5/mo
diabf04	926	65160	lat-lon	360	181	70	5/mo
diabf05	926	65160	lat-lon	360	181	70	5/mo
diabf06	926	65160	lat-lon	360	181	70	5/mo
diabl01	926	10512	lat-lon	144	73	15	5/mo
diabl02	926	10512	lat-lon	144	73	15	5/mo
diabl03	926	10512	lat-lon	144	73	15	5/mo
diabl04	926	10512	lat-lon	144	73	15	5/mo
diabl05	926	10512	lat-lon	144	73	15	5/mo
diabl06	926	10512	lat-lon	144	73	15	5/mo
egyh01	482	259920	lat-lon	720	361	175	5/mo
egyh02	482	259920	lat-lon	720	361	175	5/mo
egyh03	482	259920	lat-lon	720	361	175	5/mo
egyh04	482	259920	lat-lon	720	361	175	5/mo
egyh05	482	259920	lat-lon	720	361	175	5/mo
egyh06	482	259920	lat-lon	720	361	175	5/mo
egyhnl	482	259920	lat-lon	720	361	175	5/mo
egyl01	482	10512	lat-lon	144	73	70	5/mo
egyl02	482	10512	lat-lon	144	73	70	5/mo
egyl03	482	10512	lat-lon	144	73	70	5/mo
egyl04	482	10512	lat-lon	144	73	70	5/mo
egyl05	482	10512	lat-lon	144	73	70	5/mo
egyl06	482	10512	lat-lon	144	73	70	5/mo
egylnl	482	10512	lat-lon	144	73	70	5/mo
flxf01	106	663552	Gaussian	1152	576	100	5/mo
flxf02	106	663552	Gaussian	1152	576	100	5/mo
flxf03	106	663552	Gaussian	1152	576	100	5/mo
flxf04	106	663552	Gaussian	1152	576	100	5/mo
flxf05	106	663552	Gaussian	1152	576	100	5/mo
flxf06	106	663552	Gaussian	1152	576	100	5/mo
flxl01	106	18048	Gaussian	192	94	3	5/mo
flxl02	106	18048	Gaussian	192	94	3	5/mo
flxl03	106	18048	Gaussian	192	94	3	5/mo
flxl04	106	18048	Gaussian	192	94	3	5/mo
flxl05	106	18048	Gaussian	192	94	3	5/mo
flxl06	106	18048	Gaussian	192	94	3	5/mo
ipvh01	130	259920	lat-lon	720	361	56	5/mo

ipvh02	130	259920	lat-lon	720	361	56	5/mo
ipvh03	130	259920	lat-lon	720	361	56	5/mo
ipvh04	130	259920	lat-lon	720	361	56	5/mo
ipvh05	130	259920	lat-lon	720	361	56	5/mo
ipvh06	130	259920	lat-lon	720	361	56	5/mo
ipvhnl	130	259920	lat-lon	720	361	56	5/mo
ipvl01	130	10512	lat-lon	144	73	2	5/mo
ipvl02	130	10512	lat-lon	144	73	2	5/mo
ipvl03	130	10512	lat-lon	144	73	2	5/mo
ipvl04	130	10512	lat-lon	144	73	2	5/mo
ipvl05	130	10512	lat-lon	144	73	2	5/mo
ipvl06	130	10512	lat-lon	144	73	2	5/mo
ipvlnl	130	10512	lat-lon	144	73	2	5/mo
ocnf01	222	65160	lat-lon	360	181	19	5/mo
ocnf02	222	65160	lat-lon	360	181	19	5/mo
ocnf03	222	65160	lat-lon	360	181	19	5/mo
ocnf04	222	65160	lat-lon	360	181	19	5/mo
ocnf05	222	65160	lat-lon	360	181	19	5/mo
ocnf06	222	65160	lat-lon	360	181	19	5/mo
ocnh01	222	259200	lat-lon	720	360	19	5/mo
ocnh02	222	259200	lat-lon	720	360	19	5/mo
ocnh03	222	259200	lat-lon	720	360	19	5/mo
ocnh04	222	259200	lat-lon	720	360	19	5/mo
ocnh05	222	259200	lat-lon	720	360	19	5/mo
ocnh06	222	259200	lat-lon	720	360	19	5/mo
pgbh01	630	259920	lat-lon	720	361	275	5/mo
pgbh02	630	259920	lat-lon	720	361	275	5/mo
pgbh03	630	259920	lat-lon	720	361	275	5/mo
pgbh04	630	259920	lat-lon	720	361	275	5/mo
pgbh05	630	259920	lat-lon	720	361	275	5/mo
pgbh06	630	259920	lat-lon	720	361	275	5/mo
pgbhnl	522	259920	lat-lon	720	361	240	5/mo
pgbl01	630	10512	lat-lon	144	73	12	5/mo
pgbl02	630	10512	lat-lon	144	73	12	5/mo
pgbl03	630	10512	lat-lon	144	73	12	5/mo
pgbl04	630	10512	lat-lon	144	73	12	5/mo
pgbl05	630	10512	lat-lon	144	73	12	5/mo
pgbl06	630	10512	lat-lon	144	73	12	5/mo
pgblnl	522	10512	lat-lon	144	73	12	5/mo
splanl	8	663552	Gaussian	1152	576	10	5/mo
splf06	8	663552	Gaussian	1152	576	10	5/mo
spll06	8	18048	Gaussian	192	94	1	5/mo
spllnl	8	18048	Gaussian	192	94	1	5/mo

CFS Reanalysis Monthly Mean Time Aggregation Files (73 variables):

FILE NAME FIELD	FILE NAME FIELD DEFINITION	GRID RESOLUTION	DATASET
chi200	Velocity Potential at 200 hPa	0.5 x 0.5 Deg Lat/Lon	PGB
chi850	Velocity Potential at 850 hPa	0.5 x 0.5 Deg Lat/Lon	PGB
dlwsfc	Surface Downward Long Wave Flux	T382 Gaussian	FLX
dswsfc	Surface Downward Short Wave Flux	T382 Gaussian	FLX
gflux	Ground Heat Flux	T382 Gaussian	FLX
icecon	Ice Concentration	T382 Gaussian	FLX
icethk	Ice Thickness	T382 Gaussian	FLX
ipv450	Potential Vorticty at 450 K Isentropic Level	0.5 x 0.5 Deg Lat/Lon	IPV
ipv550	Potential Vorticty at 550 K Isentropic Level	0.5 x 0.5 Deg Lat/Lon	IPV
ipv650	Potential Vorticty at 650 K Isentropic Level	0.5 x 0.5 Deg Lat/Lon	IPV
lhtfl	Latent Heat Flux	T382 Gaussian	FLX
ocndt20c	Depth of 20C Isotherm	0.5 x 0.5 Deg Lat/Lon	OCN
ocnheat	Ocean Heat Content	0.5 x 0.5 Deg Lat/Lon	OCN
ocnmld	Ocean Mixed Layer Depth	0.5 x 0.5 Deg Lat/Lon	OCN
ocnsal15	Ocean Salinity at Depth of 15m	0.5 x 0.5 Deg Lat/Lon	OCN
ocnsal5	Ocean Salinity at Depth of 5m	0.5 x 0.5 Deg Lat/Lon	OCN
ocnslh	Sea Level Height	0.5 x 0.5 Deg Lat/Lon	OCN
ocnsst	Sea Surface Temperature	0.5 x 0.5 Deg Lat/Lon	OCN
ocnt15	Ocean Potential Temperature at Depth of 15m	0.5 x 0.5 Deg Lat/Lon	OCN
ocnu15	Ocean Zonal (u) Current at Depth of 15m	0.5 x 0.5 Deg Lat/Lon	OCN
ocnu5	Ocean Zonal (u) Current at Depth of 5m	0.5 x 0.5 Deg Lat/Lon	OCN
ocnv15	Ocean Meridioanl (v) Current at Depth of 15m	0.5 x 0.5 Deg Lat/Lon	OCN
ocnv5	Ocean Meridioanl (v) Current at Depth of 5m	0.5 x 0.5 Deg Lat/Lon	OCN
ocnvv55	Ocean Vertical Velocity at Depth of 55 m	0.5 x 0.5 Deg Lat/Lon	OCN
prate	Precipitation Rate	T382 Gaussian	FLX

pressfc	Surface Pressure	T382 Gaussian	FLX
prmsl	Mean Sea Level Pressure	0.5 x 0.5 Deg Lat/Lon	FLX
psi200	Streamfunction at 200 hPa	0.5 x 0.5 Deg Lat/Lon	PGB
psi850	Streamfunction at 850 hPa	0.5 x 0.5 Deg Lat/Lon	PGB
pwat	Precipitable Water	T382 Gaussian	FLX
q2m	2m Specific Humidity	T382 Gaussian	FLX
q500	Specific Humidity at 500 hPa	0.5 x 0.5 Deg Lat/Lon	PGB
q700	Specific Humidity at 700 hPa	0.5 x 0.5 Deg Lat/Lon	PGB
q850	Specific Humidity at 850 hPa	0.5 x 0.5 Deg Lat/Lon	PGB
q925	Specific Humidity at 925 hPa	0.5 x 0.5 Deg Lat/Lon	PGB
runoff	Ground Runoff	T382 Gaussian	FLX
shtfl	Sensible Heat Flux	T382 Gaussian	FLX
snohf	Snow Phase-Change Heat Flux	T382 Gaussian	FLX
soilm1	Soil Moisture Level 1 on T382 Gaussian Grid	T382 Gaussian	FLX
soilm2	Soil Moisture Level 2 on T382 Gaussian Grid	T382 Gaussian	FLX
soilm3	Soil Moisture Level 3 on T382 Gaussian Grid	T382 Gaussian	FLX
soilm4	Soil Moisture Level 4 on T382 Gaussian Grid	T382 Gaussian	FLX
soilt1	Soil Temperature Level 1	T382 Gaussian	FLX
swe	Snow Water Equivalent	T382 Gaussian	FLX
t1000	Temperature at 1000 hPa	0.5 x 0.5 Deg Lat/Lon	PGB
t2	Temperature at 2 hPa	0.5 x 0.5 Deg Lat/Lon	PGB
t200	Temperature at 200 hPa	0.5 x 0.5 Deg Lat/Lon	PGB
t50	Temperature at 50 hPa	0.5 x 0.5 Deg Lat/Lon	PGB
t500	Temperature at 500 hPa	0.5 x 0.5 Deg Lat/Lon	PGB
t700	Temperature at 700 hPa	0.5 x 0.5 Deg Lat/Lon	PGB
t850	Temperature at 850 hPa	0.5 x 0.5 Deg Lat/Lon	PGB
tmax	Maximum 2m Air Temperature	T382 Gaussian	FLX
tmin	Minimum 2m Air Temperature	T382 Gaussian	FLX
tmp2m	2m Air Temperature	T382 Gaussian	FLX
tmphy1	Temperature at Hybrid Level 1	T382 Gaussian	FLX
tmpsfc	Surface Temperature	T382 Gaussian	FLX

ulwsfc	Upward Long Wave Radiation at the Surface	T382 Gaussian	FLX
ulwtoa	Upward LW at the Top of Atmosphere	T382 Gaussian	FLX
uswsfc	Upward SW at the Surface	T382 Gaussian	FLX
uswtoa	Upward SW at the Top of Atmosphere	T382 Gaussian	FLX
vvel500	Vertical Velocity at 500 hPa	0.5 x 0.5 Deg Lat/Lon	PGB
wnd1000	Zonal (u) and Meridional (v) Wind at 1000 hPa	0.5 x 0.5 Deg Lat/Lon	PGB
wnd10m	Zonal (u) and Meridional (v) Wind at 10m	T382 Gaussian	FLX
wnd200	Zonal (u) and Meridional (v) Wind at 200 hPa	0.5 x 0.5 Deg Lat/Lon	PGB
wnd500	Zonal (u) and Meridional (v) Wind at 500 hPa	0.5 x 0.5 Deg Lat/Lon	PGB
wnd700	Zonal (u) and Meridional (v) Wind at 700 hPa	0.5 x 0.5 Deg Lat/Lon	PGB
wnd850	Zonal (u) and Meridional (v) Wind at 850 hPa	0.5 x 0.5 Deg Lat/Lon	PGB
wndstrs	Zonal (u) and Meridional (v) Wind Stress at the Surface	T382 Gaussian	FLX
z1000	Geopotential at 1000 hPa	0.5 x 0.5 Deg Lat/Lon	PGB
z200	Geopotential at 200 hPa	0.5 x 0.5 Deg Lat/Lon	PGB
z500	Geopotential at 500 hPa	0.5 x 0.5 Deg Lat/Lon	PGB
z700	Geopotential at 700 hPa	0.5 x 0.5 Deg Lat/Lon	PGB
z850	Geopotential at 850 hPa	0.5 x 0.5 Deg Lat/Lon	PGB