Ia	BUFR file name	GFS file name			File	File Size		No. of	MPI	Dependency		Remark	Description
Step		Current	Proposed 1	Proposed 2	Format	Current	New	Files	File	Upstream	Downstream		
			EMPTY => NO CHANGE PROPOSED	EMPTY => NO CHANGE PROPOSED		14896446	6MBFI	8007					
GFS PREP	prepqc.gfs.YYYYMMDDCC	gfs.tCCz.prepbufr			BUFR	80567008	80567008	1		GFS ANAL			Conventional Observations with quality control
	prepbufr.acft_profiles.gfs.YYYYMMDDCC	gfs.tCCz.prepbufr.acft_profiles			BUFR	13952456	13952456	1		GFS ANAL			aircraft profile data
	nsstbufr.gfs.YYYYMMDDCC	N/A	gfs.tCCz.nsstbufr		BUFR	N/A	5584544	1		GFS ANAL			Sea temperature in situ data (buoys & ships)
	gfngxs.gfs.YYYYMMDDCC	gfs.tCCz.sgxsprep	gfs.tCCz.gfngxs	gfs.tCCz.atmgxs.nemsio	NEMSIO	3640385576	??	1		GFS ANAL			Relocated background at analysis time
	gfngmh.gfs.YYYYMMDDCC	gfs.tCCz.sgmhprep	gfs.tCCz.gfngmh	gfs.tCCz.atmgmh.nemsio	NEMSIO	10921156728	??	3		GFS ANAL	H: 1-3		Relocated background at analysis time - 3hrs
	gfngph.gfs.YYYYMMDDCC	gfs.tCCz.sgphprep	gfs.tCCz.gfngph	gfs.tCCz.atmgph.nemsio	NEMSIO	10921156728	??	3		GFS ANAL	H: 1-3		Relocated background at analysis time + 3hrs
GFS ANAL	gfnanl.gfs.YYYYMMDDCC	gfs.tCCz.sanl	gfs.tCCz.gfnanl	gfs.tCCz.atmanl.nemsio	NEMSIO	3640385576	7361024320	1		GFS FCST			Atmospheric Analysis
	sfnanl.gfs.YYYYMMDDCC	gfs.tCCz.sfcanl	gfs.tCCz.sfnanl	gfs.tCCz.sfcanl.nemsio	NEMSIO	830475988	868228348	1		GFS FCST			Surface Analysis
	nsnanl.gfs.YYYYMMDDCC	NEW FILE	gfs.tCCz.nsnanl	gfs.tCCz.nstanl.nemsio	NEMSIO	N/A	396364888	1	YES	GFS FCST			NSST Analysis
	dtfanl.gfs.YYYYMMDDCC	NEW FILE	gfs.tCCz.tfnanl	gfs.tCCz.dtfanl.bin4	BINARY	N/A	7990304	1	YES		NOT NEEDED DOWNS		Foundation temperature analysis*
	biascr.gfs.YYYYMMDDCC	gfs.tCCz.abias			TEXT	607229	316660	1					Information about sensor/instrument/satellite, channel, tlapmean, and bias predictor coefficients
	biascr_pc.gfs.YYYYMMDDCC	gfs.tCCz.abias_pc			TEXT	648074	337960	1					Information about observation number and the estimates of analysis error variances for bias predictor coefficients
	aircraft_t_bias.gfs.YYYYMMDDCC	gfs.tCCz.abias_air			TEXT	836836	836836	1					Information about bias predictor coefficients for aircraft data
	gsistat.gfs.YYYYMMDDCC	gfs.tCCz.gsistat			TEXT	2835855	2835855	1		MinMon			GSI (obs-gen), qc, and iteration statistics summary
GFS FCST	gfnfhh.gfs.YYYYMMDDCC	gfs.tCCz.sfHH	gfs.tCCz.gfnfHH	gfs.tCCz.atmfHHH.nemsio	NEMSIO	629786704648	??	173		GFS POST	HH: 00 - 384		Atmospheric forecast files
	sfnfhh.gfs.YYYYMMDDCC	gfs.tCCz.bfHH	gfs.tCCz.sfnfHH	gfs.tCCz.sfcfHHH.nemsio	NEMSIO	1436722465924	??	173		GFS POST			Surface forecast files
	nsnfhh.gfs.YYYYMMDDCC	NEW FILE	gfs.tCCz.nsnfHH	gfs.tCCz.nstfHHH.nemsio	NEMSIO	N/A	396364888	173	YES	GFS POST			NSST forecast files
	flnfhh.gfs.YYYYMMDDCC	gfs.tCCz.sfluxgrbfHH	gfs.tCCz.flnfHH	gfs.tCCz.flxfHHH.nemsio	NEMSIO	101422212918	??	173		GFS POST			Flux files in NEMSIO format written by model. Current operation is in grib1
GFS POST	pgbanl.gfs.YYYYMMDDCC	gfs.tCCz.pgrbanl			GRIB1	29554680	same	1		GFS ANAL			1.00p pressure level data from analysis
	pgrbanl.gfs.YYYYMMDDCC.grib2	gfs.tCCz.pgrb2.1p00.anl			GRIB2	16524712	same	1		GFS ANAL			1.00p
	pgrbanl.gfs.YYYYMMDDCC.grib2.idx	gfs.tCCz.pgrb2.1p00.anl.idx			TEXT	13746	same	1		GFS ANAL			index file
	pgrbqanl.gfs.YYYYMMDDCC.grib2	gfs.tCCz.pgrb2.0p25.anl			GRIB2	175288825	same	1		GFS ANAL			0.25p
	pgrbqanl.gfs.YYYYMMDDCC.grib2.idx	gfs.tCCz.pgrb2.0p25.anl.idx			TEXT	14063	same	1		GFS ANAL			index file
		gfs.tCCz.pgrb2b.1p00.anl			GRIB2	14362453	same						
		gfs.tCCz.pgrb2b.0p25.anl			GRIB2	153233985	same						
		gfs.tCCz.pgrb2b.0p50.anl			GRIB2	47245256	same						
	pgbfHH.gfs.YYYYMMDDCC	gfs.tCCz.pgrbfHH			GRIB1	2533784708	same	81		GFS FCST	WAFS		1.00p pressure level data from forecast hour $FF
	pgrbfHHH.gfs.YYYYMMDDCC.grib2	gfs.tCCz.pgrb2.1p00.fHHH			GRIB2	1996007800	same	93		GFS FCST			1.00p
	pgrbfHHH.gfs.YYYYMMDDCC.grib2.idx	gfs.tCCz.pgrb2.1p00.fHHH.idx			TEXT	21171532	same	93		GFS FCST			index file
	pgrbqfHH.gfs.YYYYMMDDCC.grib2	gfs.tCCz.pgrb2.0p25.fHHH			GRIB2	4008448189529	same	173		GFS FCST		HHH: 000 - 384	0.25p
	pgrbqfHH.gfs.YYYYMMDDCC.grib2.idx	gfs.tCCz.pgrb2.0p25.fHHH.idx			TEXT	4100028	same	173		GFS FCST			index file
		gfs.tCCz.pgrb2b.0p50.fHHH			GRIB2	67919702							
	flnfHH.gfs.YYYYMMDDCC.grib2	gfs.tCCz.sfluxgrbfHH.grib2			GRIB2	14194409477		94		GFS FCST			Flux files in grib2 format converted to grib2 by POST
	pgbanl.gfs.YYYYMMDDCC.grib2	gfs.tCCz.master.grb2fHH			GRIB2	4262855552	1543287245	173		GFS FCST	WAFS		Current operation master files are on 0.25-deg lat-lon grid and 47 layers; NEWS GFS master files are on Gaussian grid on 47 layers
	pgbanl.gfs.YYYYMMDDCC.grib2	gfs.tCCz.master.grb2anl			GRIB2	330128221	1271541697	1		GFS analysis			Current operation master files are on 0.25-deg lat-lon grid and 47 layers; NEWS GFS master files are on Gaussian grid on 47 layers
		gfs.tCCz.pgrb2b.0p25.fHHH			GRIB2	159426601	same						
		gfs.tCCz.pgrb2b.0p50.fHHH			GRIB2	48971667	same						
		gfs.tCCz.pgrb2b.1p00.fHHH			GRIB2	14883358							
GFS GEMPAK	N/A	gfs_YYYYMMDDCCfHHH			GEMPAK	38703104	??	93		GFS FCST			GEMPAK files
	N/A	gfs_0p25_YYYYMMDDCCfHHH			GEMPAK	627890688	??	173		GFS FCST			GEMPAK files
	N/A	gfs_0p50_YYYYMMDDCCfHHH			GEMPAK	154992128	??	93		GFS FCST			GEMPAK files
	N/A	gfs30_sfc_YYYYMMDDCCfHHH			GEMPAK	64830464	??	61		GFS FCST			GEMPAK files
	N/A	gfs35_pac_YYYYMMDDCCfHHH			GEMPAK	4335360	??	61		GFS FCST			GEMPAK files
	N/A	gfs40_YYYYMMDDCCfHHH			GEMPAK	12858368	??	61		GFS FCST			GEMPAK files
	N/A	gfs_gaseim_YYYYMMDDCCfHHH			GEMPAK	644096	??	61		GFS FCST			GEMPAK files
	N/A	gfs_gaseim021_YYYYMMDDCCfHHH			GEMPAK	837120	??	61		GFS FCST			GEMPAK files
GFS GEMPAK META	N/A	SOO_ATL_YYMMDD_CC_fHH.vgf			GEMPAK	12680	??	5		GFS FCST			
	N/A	SOO_PAC_YYMMDD_CC_fHH.vgf			GEMPAK	15242	??	5		GFS FCST			
	N/A	gfs_YYMMDD_CC_*.vgf			GEMPAK	12598	??	17		GFS FCST			
	N/A	gfs_YYYYMMDD_CC_ak,hur,mar,nh,sus,sh,trop,us			GEMPAK	141494890	??	20		GFS FCST			
		gfsvar_YYYYMMDD_CC_*.mar			GEMPAK	32825712	??	2		GFS FCST			
GFS GEMPAK_NCDC	N/A	gfs_*_hgt,tmp,rh_ant_CC.gif			GEMPAK	122221	??	37		GFS FCST			
GFS GEMPAK_UPAP	N/A	gfs.tCCz.mupperair			GEMPAK	587993	??	6		GFS FCST			
GFS PGRB2_SPEC_	N/A	gfs_gaseim_YYYYMMDDCCfHHH			GEMPAK	644096	??	61		GFS FCST			
		gfs_gaseim221_YYYYMMDDCCfHHH			GEMPAK	837120	??	61		GFS FCST			
GFS_AWIPS_1PDDE	N/A	grib2.awgphHHH.003.gfs_awips_fHHH_1p0deg_CC			GRIB2	6355082	??	41		GFS FCST			
GFS_AWIPS_20KM	N/A	grib2.awgphh_20km_conus_fHHH_20km_CC			GRIB2	19753305	??	55		GFS FCST			
	N/A	grib2.awgphh_20km_ak_fHHH_20km_CC			GRIB2	1378661	??	55		GFS FCST			
	N/A	grib2.awgphh_20km_prico_fHHH_20km_CC			GRIB2	11811164	??	55		GFS FCST			
	N/A	grib2.awgphh_20km_pac_fHHH_20km_CC			GRIB2	107888658	??	55		GFS FCST			
GFS_AWIPS_G2	N/A	grib2.awgphHHH.160.gfs_awips_fHH_CC			GRIB2	7094194	??	41		GFS FCST			
	N/A	grib2.awgphHHH.161.gfs_awips_fHH_CC			GRIB2	3454847	??	41		GFS FCST			
	N/A	grib2.awgphHHH.213.gfs_awips_fHH_CC			GRIB2	987832	??	41		GFS FCST			
	N/A	grib2.awgphHHH.204.gfs_awips_fHH_CC			GRIB2	24680309	??	41		GFS FCST			
GFS_PGRB2	N/A	gfs.tCCz.pgrb2.0p25.fHHH			GRIB2	2316755557	??	173		GFS FCST			
	N/A	gfs.tCCz.pgrb2b.0p25.fHHH			GRIB2	169304160	??	173		GFS FCST			
	N/A	gfs.tCCz.pgrb2.0p50.fHHH			GRIB2	70415789	??	93		GFS FCST			
	N/A	gfs.tCCz.pgrb2b.0p50.fHHH			GRIB2	52059258	??	93		GFS FCST			
	N/A	gfs.tCCz.pgrb2.1p00.fHHH			GRIB2	21234198	??	93		GFS FCST			
	N/A	gfs.tCCz.pgrb2b.1p00.fHHH			GRIB2	15713485	??	93		GFS FCST			
	N/A	gfs.tCCz.pgrb2.2p50.fHHH			GRIB2	4187007	??	93		GFS FCST			
GFS_NPOESS_PGRB	N/A	gfs.tCCz.prgb29hh.npoess			GRIB2	15770761	??	9		GFS FCST			
GFS_PGRB2_SPEC_	N/A	gfs.tCCz.gaseimpgs6fHH			GRIB1	399438	??	61		GFS FCST			
	N/A	gfs.tCCz.gaseimpgs62.1p00.fHHH			GRIB2	322500	??	61		GFS FCST			
	N/A	gfs.tCCz.gaseimpgs221.fHHH			GRIB1	592500	??	61		GFS FCST			
	N/A	gfs.tCCz.gaseimpgs29HHH.grb221			GRIB2	448930	??	61		GFS FCST			
GFS_FAX	N/A	00HR_200MB_HGT_WIND.gfs_fax_ant_CC.gif			GIF	295830	??	4		GFS FCST			
	N/A	VFULL_TROPICAL_SFC_ANAL.gfs_fax_ant_CC.gif			GIF	663853	??	1		GFS FCST			
	N/A	WNDS_ALOFT_GR_HH_HH.gfs_fax_ant_CC.gif			GIF	81158	??	1		GFS FCST			
	N/A	00HR_200MB_HGT_WIND.gfs_fax_ant_CC.gif			GIF	295830	??	4		GFS FCST			
GFS_FAX_WAFS	N/A	12HR_FL450_ATLANTIC_POLAR.gfs_fax_wafs_fHH.nts			GIF	55168	??	606		GFS FCST			
GFS_FBWIND	N/A	tran/fbwind_pacific.gfs_fbwind_00			Binary	6424	??	1		GFS FCST			
GDAS PREP	prepqc.gdas.YYYYMMDDCC	gdas.tCCz.prepbufr			BUFR	80567008	80567008	1		GFS ANAL			Conventional Observations with quality control
	prepbufr.acft_profiles.gdas.YYYYMMDDCC	gdas1.tCCz.prepbufr.acft_profi	gdas.tCCz.prepbufr.acft_profiles	gdas.tCCz.prepbufr.acft_profile	BUFR	836836	836836	1		GDAS ANAL			aircraft profile data
	nsstbufr.gdas.YYYYMMDDCC	N/A	gdas.tCCz.nsstbufr		BUFR	N/A	6915088	1		GDAS ANAL			Sea temperature in situ data (buoys & ships)
	gfngxs.gdas.YYYYMMDDCC	gdas1.tCCz.sgxsprep	gdas.tCCz.gfngxs	gdas.tCCz.atmgxs.nemsio	NEMSIO	3640385576	??	1		GDAS ANAL			Relocated background at analysis time
	gfngmh.gdas.YYYYMMDDCC	gdas1.tCCz.sgmhprep	gdas.tCCz.gfngmh	gdas.tCCz.atmgmh.nemsio	NEMSIO	10921156728	??	3		GDAS ANAL	H: 1-3		Relocated background at analysis time - 3hrs
	gfngph.gdas.YYYYMMDDCC	gdas1.tCCz.sgphprep	gdas.tCCz.gfngph	gdas.tCCz.atmgph.nemsio	NEMSIO	10921156728	??	3		GDAS ANAL	H: 1-3		Relocated background at analysis time + 3hrs
GDAS ANAL	gfnanl.gdas.YYYYMMDDCC	gdas1.tCCz.sanl	gdas.tCCz.gfnanl	gdas.tCCz.atmanl.nemsio	NEMSIO	3640385576	7361024320	1		GDAS FCST			Atmospheric Analysis
	sfnanl.gdas.YYYYMMDDCC	gdas1.tCCz.sfcanl	gdas.tCCz.sfnanl	gdas.tCCz.sfcanl.nemsio	NEMSIO	830475988	868228348	1		GDAS FCST			Surface Analysis
	nsnanl.gdas.YYYYMMDDCC	NEW FILE	gdas.tCCz.nsnanl	gdas.tCCz.nstanl.nemsio	NEMSIO	N/A	396364888	1	YES	GDAS FCST			NSST Analysis
	dtfanl.gdas.YYYYMMDDCC	NEW FILE	gdas.tCCz.tfnanl	gdas.tCCz.dtfanl.bin4	BINARY	N/A	7990304	1	YES		NOT NEEDED DOWNS		Foundation temperature analysis increment at analysis grid resolution*
	biascr.gdas.YYYYMMDDCC	gdas1.tCCz.abias	gdas.tCCz.abias	gdas.tCCz.abias	TEXT	607229	1100282	1		GDAS ANAL & RadMon			Information about sensor/instrument/satellite, channel, tlapmean, and bias predictor coefficients
	biascr_pc.gdas.YYYYMMDDCC	gdas1.tCCz.abias_pc	gdas.tCCz.abias_pc	gdas.tCCz.abias_pc	TEXT	648074	1174292	1		GDAS ANAL			Information about observation number and the estimates of analysis error variances for bias predictor coefficients
	aircraft_t_bias.gdas.YYYYMMDDCC	gdas1.tCCz.abias_air	gdas.tCCz.abias_air	gdas.tCCz.abias_air	TEXT	836836	836836	1		GDAS ANAL			Information about bias predictor coefficients for aircraft data
	gsistat.gdas.YYYYMMDDCC	gdas1.tCCz.gsistat	gdas.tCCz.gsistat	gdas.tCCz.gsistat	TEXT	3328095	3328095	1		MinMon			GSI (obs-gen), qc, and iteration statistics summary
	cnvstat.gdas.YYYYMMDDCC	gdas1.tCCz.cnvstat	gdas.tCCz.cnvstat	gdas.tCCz.cnvstat	BINARY	101437440	101437440	1					GSI diagnostics for conventional data
	oznstat.gdas.YYYYMMDDCC	gdas1.tCCz.oznstat	gdas.tCCz.oznstat	gdas.tCCz.oznstat	BINARY	1546240	1546240	1					GSI diagnostics for ozone data
	radstat.gdas.YYYYMMDDCC	gdas1.tCCz.radstat	gdas.tCCz.radstat	gdas.tCCz.radstat	BINARY	2615592960	2615592960	1		GDAS ANAL & RadMon			GSI diagnostics for radiance data
GDAS FCST	gfnfHH.gdas.YYYYMMDDCC	gdas1.tCCz.sfHH	gdas.tCCz.gfnfHH	gdas.tCCz.atmfHHH.nemsio	NEMSIO	3640385760	??	10		GDAS POST	HH: 00 - 09		Atmospheric forecast files
	sfnfHH.gdas.YYYYMMDDCC	gdas1.tCCz.bfHH	gdas.tCCz.sfnfHH	gdas.tCCz.sfcfHHH.nemsio	NEMSIO	830475980	??	10		GDAS POST			Surface forecast files
	nsnfHH.gdas.YYYYMMDDCC	NEW FILE	gdas.tCCz.nsnfHH	gdas.tCCz.nstfHHH.nemsio	NEMSIO	N/A	396364888	10	YES	GDAS POST			NSST forecast files
	flnfHH.gdas.YYYYMMDDCC	gdas1.tCCz.sfluxgrbfHH	gdas.tCCz.flnfHH	gdas.tCCz.flxfHHH.nemsio	NEMSIO	595559200	2189434084	10		GDAS POST			Flux files in NEMSIO format written by model. Current operation is in grib1
GDAS POST	pgbanl.gdas.YYYYMMDDCC	gdas1.tCCz.pgrbanl	gdas.tCCz.pgrbanl	gdas.tCCz.pgrbanl	GRIB1	29611762	??	1		GDAS ANAL			1.00p pressure level data from analysis
	pgbqnl.gdas.YYYYMMDDCC	gdas1.tCCz.pgrbqnl	gdas.tCCz.pgrbqnl	gdas.tCCz.pgrbqnl	GRIB1			1		GDAS ANAL			0.25p
	pgrbanl.gdas.YYYYMMDDCC.grib2	gdas1.tCCz.pgrb2.1p00.anl	gdas.tCCz.pgrb2.1p00.anl	gdas.tCCz.pgrb2.1p00.anl	GRIB2	16607075	??	1		GDAS ANAL			1.00p
	pgrbanl.gdas.YYYYMMDDCC.grib2.idx	gdas1.tCCz.pgrb2.1p00.anl.idx	gdas.tCCz.pgrb2.1p00.anl.idx	gdas.tCCz.pgrb2.1p00.anl.idx	TEXT	13748	??	1		GDAS ANAL			index file
	pgrbqanl.gdas.YYYYMMDDCC.grib2	gdas1.tCCz.pgrb2.0p25.anl	gdas.tCCz.pgrb2.0p25.anl	gdas.tCCz.pgrb2.0p25.anl	GRIB2	177506470	??	1		GDAS ANAL			0.25p
	pgrbqanl.gdas.YYYYMMDDCC.grib2.idx	gdas1.tCCz.pgrb2.0p25.anl.idx	gdas.tCCz.pgrb2.0p25.anl.idx	gdas.tCCz.pgrb2.0p25.anl.idx	TEXT	14065	??	1		GDAS ANAL			index file
	pgbfHH.gdas.YYYYMMDDCC	gdas1.tCCz.pgrbfHH	gdas.tCCz.pgrbfHH	gdas.tCCz.pgrbfHH	GRIB1	3681260946	??	10		GDAS FCST		HH: 00 - 09	1.00p pressure level data from forecast hour $FF
	pgrbfHHH.gdas.YYYYMMDDCC.grib2	gdas1.tCCz.pgrb2.1p00.fHHH	gdas.tCCz.pgrb2.1p00.fHHH	gdas.tCCz.pgrb2.1p00.fHHH	GRIB2	204653079	??	10		GDAS FCST			1.00p
	pgrbfHHH.gdas.YYYYMMDDCC.grib2.idx	gdas1.tCCz.pgrb2.1p00.fHHH.idx	gdas.tCCz.pgrb2.1p00.fHHH.idx	gdas.tCCz.pgrb2.1p00.fHHH.idx	TEXT	220207	??	10		GDAS FCST			index file
	pgrbqfHH.gdas.YYYYMMDDCC.grib2	gdas1.tCCz.pgrb2.0p25.fHHH	gdas.tCCz.pgrb2.0p25.fHHH	gdas.tCCz.pgrb2.0p25.fHHH	GRIB2	2223437142	??	10		GDAS FCST	PREP	HHH: 000 - 009	0.25p
	pgrbqfHH.gdas.YYYYMMDDCC.grib2.idx	gdas1.tCCz.pgrb2.0p25.fHHH.idx	gdas.tCCz.pgrb2.0p25.fHHH.idx	gdas.tCCz.pgrb2.0p25.fHHH.idx	TEXT	224391	??	10		GDAS FCST	PREP		index file
	flnfHH.gdas.YYYYMMDDCC.grib2	gdas1.tCCz.sfluxgrbfHH.grib2	gdas.tCCz.sfluxgrbfHH.grib2	gdas.tCCz.sfluxgrbfHH.grib2	GRIB2	170145162	??	10		GDAS FCST			Flux files in grib2 format converted to grib2 by POST
	pgbfHH.gdas.YYYYMMDDCC.grib2	gdas1.tCCz.master.grb2fHH	gdas.tCCz.master.grb2fHH	gdas.tCCz.master.grb2fHH	GRIB2	4007369925	1543287245	10		GDAS FCST			Current operation master files are on 0.25-deg lat-lon grid and 47 layers; NEWS GDAS master files are on Gaussian grid on 47 layers
	pgbanl.gdas.YYYYMMDDCC.grib2	gdas1.tCCz.master.grb2anl	gdas.tCCz.master.grb2anl	gdas.tCCz.master.grb2anl	GRIB2	333955274	1271541697	1		GDAS analysis			Current operation master files are on 0.25-deg lat-lon grid and 47 layers; NEWS GDAS master files are on Gaussian grid on 47 layers
GDAS GEMPAK	N/A	gdas_YYYYMMDDCCfHHH			GEMPAK	35034624	??	4		GDAS FCST			GEMPAK files
	N/A	gdas_0p25_YYYYMMDDCCfHHH			GEMPAK	63488944	??	4		GDAS FCST			GEMPAK files
GDAS GEMPAK NET	N/A	gdas_YYYYMMDD_CC_hsp			GEMPAK	39765126	??	1		GDAS FCST			
	N/A	gdas_YYYYMMDD_CC_na			GEMPAK	12540838	??	1		GDAS FCST			
GDAS GEMPAK_NCD	N/A	gdas_YYYYMMDDCCfHHH			GEMPAK	39477248	??	4		GDAS FCST			
GDAS_BULLS	N/A	grdbulls.tran.gdasHH.gdas_bulls_CC			Binary	220908	??	1		GDAS FCST			

Ia	EMC File name	GPS File name			File	File Size		No. of	MM	Dependency		Remark	Description
Step		Current	Proposed 1	Proposed 2	Format	Current	New	Files	File	Upstream	Downstream		
			EMPTY => NO CHANGE PROPOSED	EMPTY => NO CHANGE PROPOSED		14086446	#REF!	#REF!					
GDAS_WKNAVYBULL	N/A	nvybull.tran.CC.gdas_mknavybulls_CC			Binary	100878	??	1		GDAS FCST			
EUPD	sanl_YYYYMMDDCC_memXXX	sanl_YYYYMMDDCC_memXXX	gdas.tCCz.gfnanl.memXXX	gdas.tCCz.atmanl.memXXX.nemsio	NEMSIO	409101548B0	828129536B0	80			ECEN	XXX: 001 - 080	Atmospheric ensemble analysis
	enkfstat_YYYYMMDDCC	enkfstat_YYYYMMDDCC	gdas.tCCz.enkfstat	gdas.tCCz.enkfstat	TEXT	1046988	1046988	1					EnKF diagnostics for all data
ECEN	siganl_YYYYMMDDCC_memXXX	siganl_YYYYMMDDCC_memXXX	gdas.tCCz.rgfnanl.memXXX	gdas.tCCz.ratmanl.memXXX.nemsio	NEMSIO	409101548B0	#REF!	80			EFCS	XXX: 001 - 080	Recentered atmospheric ensemble analysis, IC's for ensemble forecasts
	sanl_YYYYMMDDCC_ensmean	sanl_YYYYMMDDCC_ensmean	gdas.tCCz.gfnanl.ensmean	gdas.tCCz.atmanl.ensmean.nemsio	NEMSIO	511376936	1035161920	1			EPOS		Ensemble mean analysis
	sfcanl_YYYYMMDDCC_memXXX	sfcanl_YYYYMMDDCC_memXXX	gdas.tCCz.sfnanl.memXXX	gdas.tCCz.sfcanl.memXXX.nemsio	NEMSIO	934296224B	976792544B	80			EFCS		Surface initial conditons for member $MEM valid at $CDATE; input to ensemble forecasts
	nstanl_YYYYMMDDCC_memXXX	NEW FILE	gdas.tCCz.nsnanl.memXXX	gdas.tCCz.nstanl.memXXX.nemsio	NEMSIO	N/A	55741528	80			EFCS		NGST initial conditons for member $MEM valid at $CDATE; input to ensemble forecasts
EFCS	sfg_YYYYMMDDCC_fhrHH_memXXX	sfg_YYYYMMDDCC_fhrHH_memXXX	gdas.tCCz.gfnfHH.memXXX	gdas.tCCz.atmfHHH.memXXX.nemsio	NEMSIO	286371084160	579690675200	560			EPOS	XXX: 001 - 080	atmospheric foreacast at fhr$FE for member $MEM starting from $CDATE initial conditions
	bfg_YYYYMMDDCC_fhrHH_memXXX	bfg_YYYYMMDDCC_fhrHH_memXXX	gdas.tCCz.sfnfHH.memXXX	gdas.tCCz.sfcfHHH.memXXX.nemsio	NEMSIO	654093735680	683754780B0	560			EPOS	HH: 03 - 09	surface foreacast at fhr$FE for member $MEM starting from $CDATE initial conditions
	nfg_YYYYMMDDCC_fhrHH_memXXX	NEW FILE	gdas.tCCz.nsnfHH.memXXX	gdas.tCCz.nstfHHH.memXXX.nemsio	NEMSIO	N/A	55741528	560	YES		EPOS		NGST foreacast at fhr$FE for member $MEM starting from $CDATE initial conditions
	fcsstat_YYYYMMDDCC_all		NOT NEEDED	NOT NEEDED	TEXT	0	0	1					temporary file to keep a tab on completed members
	fcsstat_YYYYMMDDCC_grpN	fcsstat_YYYYMMDDCC_grpN	NOT NEEDED	NOT NEEDED	TEXT	1440	0	10				N: 1 - 10	temporary file to keep a tab on completed members in a single group
EPOS	sfg_YYYYMMDDCC_fhrHH_ensmean	sfg_YYYYMMDDCC_fhrHH_ensmean	gdas.tCCz.gfnfHH.ensmean	gdas.tCCz.atmfHHH.ensmean.nemsi	NEMSIO	511376936	1035161920	7				HH: 03 - 09	Ensemble mean of atmospheric forecasts for any forecast hour
	bfg_YYYYMMDDCC_fhrHH_ensmean	bfg_YYYYMMDDCC_fhrHH_ensmean	gdas.tCCz.sfnfHH.ensmean	gdas.tCCz.sfcfHHH.ensmean.nemsi	NEMSIO	116787028	122099068	7					Ensemble mean of surface forecasts for any forecast hour
	nfg_YYYYMMDDCC_fhrHH_ensmean	NEW FILE	gdas.tCCz.nsnfHH.ensmean	gdas.tCCz.nstfHHH.ensmean.nemsi	NEMSIO	N/A	55741528	7	YES				Ensemble mean of NGST forecasts for any forecast hour
	ensstat_YYYYMMDDCC_all		NOT NEEDED	NOT NEEDED	TEXT	224	0	1					Log file denoting completion of averaging of ensemble forecasts (epos step) for $CDATE
WAFS	N/A since WAFS is not in EMC parallel run	gfs.tCCz.wafs_grb45fHH			GRIB1	7212836		44		GFS POST		HH: 06-36	1.25P, HGT, RH, T, U V, CB, turbulence, icing on select levels
		gfs.tCCz.wafs_grb45fHH.grib2			GRIB2	3586557		44		GFS POST			as above in GRIB2
		gfs.tCCz.wafs_grb45fHH.grib2.idx			TEXT	6121		44		GFS POST			as above, GRIB2 index file
		gfs.tCCz.wafs_grb45fHH.nousmafs.grib2			GRIB2	2699390		44		GFS POST			1.25P, HGT, RH, T, U V (without CB, turbulence, icing) on select levels
		gfs.tCCz.wafs_grb45fHH.nousmafs.grib2.idx			TEXT	3868		44		GFS POST			as above, GRIB2 index file
		wafsgfsAA.tCCz.gribfHH			GRIB1	477866		736		GFS POST		AA:37-44 HH:00-9	1.25P, 8 areas (grid 37-44). HGT, RH, T, U V, VVEL on thinned levels and other 2D products
		wafsgfsAA.tCCz.gribfHH.grib2			GRIB2	374614		864		GFS POST		AA:37-44 HH:00-1	as above in GRIB2
		wafsgfsAA.tCCz.gribfHH.grib2.idx			TEXT	4532		864		GFS POST			as above, GRIB2 index file
		WAFS_blended_YYYYMMDDCCfHH.grib2			GRIB2	1473545		44		GFS POST, WAFS, UK data at DCDM		HH: 06-36	1.25P, Blended result of CB, turbulence, icing from US and UK
		gfs.tCCz.gcip.f00.grib2			GRIB2	9999761		8		GFS POST		CC: every 3 hour	0.25P, Icing potential and icing severity analysis every 25mb from 100mb to 1000mb
GFS PREP	storms.gfso.atcf_gen.YYYYMMDDCC												
GFS PREP	storms.gfso.atcf_gen.altg.YYYYMMDDCC												
GFS PREP	trak.gfso.atcfunix.YYYYMMDDCC												
GFS PREP	trak.gfso.atcfunix.altg.YYYYMMDDCC												
GDAS PREP	tcvitals_relocate.gdas.YYYYMMDDCC	gdas1.tCCz.tcvitals.relocate.tm00	gdas.tCCz.tcvitals.relocate.tm00		TEXT			1					tropical cyclone vitals
GDAS PREP	tcinform_relocate.gdas.yyyymmddcc	gdas1.tccz.inform.relocate.tm00	gdas.tccz.inform.relocate.tm00										
GFS PREP	tcvitals_relocate.gfs.YYYYMMDDCC	gfs.tCCz.tcvitals.relocate.tm0			TEXT			1					
GFS PREP	tcinform_relocate.gfs.yyyymmddcc	gfs.tccz.inform.relocate.tm00											