

Forecaster's Product Guide

	What	Model/Source	Details	When	Domain (Area)	Overlay	Program
1)	Briefly summarize past/present WX		http://apollo/main/localwx.html		LSC/Regionally		WWW
2)	500mb heights	GFS thinned		F00-F042	Northern Hemisphere	N	GARP
3a)	250mb Isotachs	ETA 212	shade every 20 knots > 70knots	F00-F042	US: CONUS	Y (see 3b and 3c)	GARP
3b)	500mb height and absolute vorticity	ETA 212	use 500mb macro	F00-F042	US: CONUS	Toggle with 3a&c	GARP
3c)	Sea-level pressure	ETA 212	select "MSL_pres"	F00-F042	US: CONUS	Toggle with 3a&b	GARP
4)	850mb Chart	ETA 212	use 850mb macro	F00-F042	US or Regional		GARP
5)	700mb Chart	ETA 212	use 700mb macro	F00-F042	US or Regional		GARP
6)	Look Outside		Look Outside				
7a)	Precipitation	ETA 212	select "6hr_precip" : check shading interval	F00-F042	US or Regional	Y (Toggle with 7b)	GARP
7b)	Precipitation	GFS thinned	select "6hr_precip" : check shading interval	F00-F042	US or Regional	Y (Toggle with 7a)	GARP
7c)	Sea-level pressure	ETA 212 or GFS	overlay sea-level pressure onto precipitation	F00-F042	optional	optional	GARP
8)	Time-Height	ETA 212	Omega, Theta and RH (toggle between)		1V4 (St. Jay)		GARP
9)	Forecast Sounding	ETA 212		F00-F042	1V4 (St. Jay)		GARP
The following 4 items may demand too much time, but try to incorporate as much as you can.							
10)	WRF	LSC	http://apollo/wxdata/wrf/index.html	F00-F036	Regional and Local		WWW
11)	Ensembles	NCEP	Examine variability of most recent model runs (see SREF)		http://www.nco.ncep.noaa.gov/pmb/nwprod/analysis/		WWW
12)	Compare	ETA vs GFS	examine how GFS compares to ETA		(look at precip, mslp, upper-levels)		
13)	Compare	ETA and/or GFS	compare the latest model trends				
The following is a list of optional products you may want to use to enhance your briefing:							
14)	NCEP Graphics	NOAA: NCEP	http://www.nco.ncep.noaa.gov/pmb/nwprod/analysis/				
15)	LSC Graphics	LSC	http://apollo/wxdata/models/index.html				
16)	Map Wall	Penn State	http://www.meteo.psu.edu/~qadomski/ewall.html				
17)	Climate Prediction	NOAA: CPC	http://www.cpc.noaa.gov/				
18)	HPC Forecasts	NOAA: HPC	http://www.hpc.ncep.noaa.gov/				
19)	Severe Weather	SPC	http://www.spc.noaa.gov/				
20)	Watches,Warnings	NWS	http://www.nws.noaa.gov/				
21)	Local NWS	NWS BTV	http://www.erh.noaa.gov/btv/				
22)	NWS Graphic	NWS BTV	http://www.erh.noaa.gov/ndfd/graphical/sectors/btv.php				
23)	LSC Forecast	LSC	http://apollo.lsc.vsc.edu/forecast/				
24)	Eye on the Sky	Fairbanks Mus.	http://www.fairbanksmuseum.org/eye_detailed.cfm				