Note:	To Search for a specific Change: Use search (ctrl-F) to search for your area of
	interest or the name of a specific change.
Definitions	
Type of Change	This should be noted as either NEW, MODIFICATION, TERMINATION
name	Brief name describing the change
description	Brief description of the change
Documentation	Give a link to a Product Description Document or other such documentation describing the
	change
LocalURL	URL where we can go to see the product/service/etc.
POC Name	Next blocks are the name, address, phone number and email of a point of contact about
	this particular change. This should be a person who can answer most questions regarding
	the change.
POC Address	
POC Phone	
POC email	
Comment Open	Start date of comment period for the change
Comment Close	End date of comment period for the change
Send Comment	Either the email address where comments should be sent or the web address where an on-
	line survey or comment-collection is done
Deciding Official	NWS manager who will make the decision on whether or not to implement the change.
Ŭ	
Decision	Final decision

Type of Change	Name	Description	Documentation	LocalURL	POC Name	POC Address	POC Phone	POC email	Comment Open	Comment Close	Send Comment	Deciding Official	Decision
	Changes to NCEP Model Prodcuts	Information on Changes to NCEP Model Products can be found at http://www.nco.ncep.noaa.gov/pmb/changes/		http://www.	nco.ncep.noa	aa.gov/pmb/chan	<u>ges/</u>						
Modify	Global Forecast	The Environmental Modeling Center (EMC) has proposed upgrading the Global Forecast System (GFS). Changes proposed for this upgrade include both analysis and model changes. See documentation for details.	<u>gfsupgrade08.tx</u> <u>t</u>		John Ward	5200 Auth RoadCamp Springs, MD 20746	301-763- 8000x7185	John.Ward@n oaa.gov	4/1/2008	5/1/2008	NCEP.List <u>.ModelEv</u> <u>alFeedba</u> <u>ck@noaa.</u> gov	National Centers for Environmenta I Prediction Director	Discontinued - Effective 5/14/2008
Modify	Modifications to WSR-88D Level II Data Stream and Format	Beginning in WSR-88D software BUILD 10 /beta test at approximately six sites begins in January 2008 and deployment to all operational sites begins in April 2008. The data format and content of the Level II data stream will change.	http://www.weat her.gov/os/notifi cation/pns_wsr- 88d_levelll_mo dfctn.txt		Tim Crum	WSR 88-D Radar Operations Center 1200 Westheimer Dr. Norman, OK 73069	405-573- 8888	Tim.D.Crum@ noaa.gov	3/2/2007	3/30/2007	Tim.D.Cru m@noaa. gov	Director, WSR-88D Radar Operations Center	Approved for Operations - Effective Feb. 2008
Modify	Proposed NAM Upgrade	This proposed upgrade to the North American Mesocale (NAM) system includes a variety of model and analysis changes. See documentation for details.	<u>namupgradefeb</u> <u>08.txt</u>		John Ward	5200 Auth RoadCamp Springs, MD 20746	301-763- 8000x7185	<u>John.Ward@n</u> <u>oaa.gov</u>	2/12/2008	3/10/2008	NCEP.List ModelEv alFeedba ck@noaa. gov	Centers for	Approved for Operations - Effective 03/25/2008
Modify	Proposed Great Lakes Wave Model Upgrade	<ul> <li>The proposed upgrade includes:</li> <li>Generate Great Lakes Wave model product from the new model codes as implemented for the global multi-grid wave model.</li> <li>Add new output fields for separated wave fields to GLW model. These parameters have already been implemented in the new global wave model.</li> </ul>	GLWmodelupgr adefeb08.txt	ftp://ftpprd. ncep.noaa .gov/pub/d ata/nccf/co m/wave/pa ra/wave.yy yymmddh/ glw.grl.tcc z.grib2	John Ward	5200 Auth RoadCamp Springs, MD 20746	301-763- 8000x7185	John.Ward@n oaa.gov	2/19/2008	3/18/2008		Centers for	Approved for Operations - Effective 03/25/2008
Modify	Proposed RTMA AK Upgrade	<ul> <li>The proposed upgrade to the climate Forecast System (SREF) includes:</li> <li>Implement RTMA for Alaskan NDFD grid using the downscaling capability in NAM.</li> <li>Implement NAM 5 km "Smart Init" Downscaled Grids to initialize NDFD in support of NWS field operations.</li> </ul>	<u>rtmaak.txt</u>		John Ward	5200 Auth RoadCamp Springs, MD 20746	301-763- 8000x7185	John.Ward@n oaa.gov	10/10/2007	11/6/2007		Centers for	Approved for Operations - Effective 01/22/2008

New	National Digita Forecast Database (NDFD) Gridded Data	The NWS provides access to operational and experimental gridded forecasts of sensible weather elements (e.g., Maximum Temperature, Sky Cover) through the National Digital Forecast Database (NDFD). NDFD contains a seamless mosaic of digital forecasts originating from NWS field offices, the National Centers for Environmental Prediction (NCEP), and the NDFD central server. The NDFD is a high- resolution data set which, in its raw form, is non- displayable, but can be processed by computers to meet the varied needs of NWS customers and partners.		http://www. weather.go v/ndfd/ano nymous_ft p.htm		Office of Climate, Water and Weather Services 1325 East West HighwaySilver Spring, MD 20910	301-713- 1858x171	christine.alex @noaa.gov	<u>Varies by</u> <u>NDFD</u> <u>element</u>	Varies by NDFD element	Office of Climate, Water, and Weather Services Director	<u>Varies by NDFD</u> <u>element</u>
New	National Digita Forecast Database Experimental Graphic Forecast Displays	The National Oceanic and Atmospheric Administration (NOAA) National Weather Service (NWS) National Digital Forecast Database (NDFD) Experimental Graphic Forecast Displays (http://weather.gov/forecasts/graphical/sectors/) are web-based presentations of digital forecast data originating from local Weather Forecast Office (WFO) digital databases, National Centers for Environmental Prediction (NCEP), and the NDFD server. The data are displayed in a mosaic form on national and regional scales.	NDFDGraphics. pdf	http://weat her.gov/for ecasts/gra phical/sect ors	Christine Alex	Office of Climate, Water and Weather Services 1325 East West HighwaySilver Spring, MD 20910	301-713- 1858x171	christine.alex @noaa.gov	<u>Varies by</u> <u>NDFD</u> <u>element</u>	Varies by NDFD element	Office of Climate, Water, and Weather Services Director	<u>Varies by NDFD</u> <u>element</u>
New	Carolinas Coast Marine Web Portal, Original	Provides marine observations, forecasts and short and long-fuse warnings for the coastal waters of North Carolina, South Carolina and northern Georgia. It provides a simple, standardized web based portal to access current forecasts, consolidated coastal ocean observations and monitoring activities for North Carolina and South Carolina in one website.	PDDCarolinaCo ast.pdf	weather.go v/carolinas coast/	Caropolo	Office, Wilmington, NC 2015 Gardner Drive, Wilmington, NC 28405		Michael.carop olo@noaa.gov	4/2/2007		w.weather .gov/surve y/web- survey.ph p?code=c c-marine	Discontinued. Replaced with updated version, Effective 1/22/2008.
New	Experimental Graphical Tropical Weather Outlook, Original	This product is a visual companion product to the text TWO. Areas of disturbed weather mentioned in the text product are highlighted (encircled) in the graphic and numbered, with the numbers corresponding to the order in which the systems are discussed in the TWO.	GraphicalTWO. pdf	http://www. nhc.noaa. gov/gtwo_ atl.shtml	Scott Kiser	Marine and Coastal Weather Branch 1325 East West Highway Silver, Spring, MD 20910	301-713- 1677x121	<u>scott.kiser@n</u> oaa.gov	7/15/2007	11/30/2007	http://ww     Office of       w.weather     Climate,       _gov/surve     Water, and       y/nws-     Weather       survey.ph     Services       p?code=     Director       GTWO     Structure	Discontinued, Replaced with updated version, Effective 3/17/2008

New	Real-Time	NWS forecast offices across the entire nation	RTMAPDD1.pdf	ftp://taftp.n	Lee	NWS	301-713-	lee.anderson	11/15/2006	5/15/2007	http://ww	Office of	Discontinued,
-	Mesoscale	produce numerous digital forecasts daily for the			Anderson	Headquarters	1975x124	@noaa.gov				Climate,	Replaced with
	Analysis	NDFD, which are used by various users. The		ov/SL.us0		OST 1325						Water, and	updated version,
	(RTMA),	NWS developed a requirement for an NDFD-		08001/ST.		East West					y/nws-	Weather	Effective 3/13/2008
	Original	matching analysis. The Analysis of Record (AOR)		expr/DF.ar		Highway Silver						Services	
	5	project's first phase, the Real-Time Mesoscale		2/DC.ndad		Spring MD					p?code=rt		
		Analysis (RTMA), will provide an NDFD-		/GT.rtma/A		20910					ma		
		matching analysis to help meet these		R.conus									
		requirements.											
New	Internet-Based	Internet-Based Public Service Videos are	PublicSafetyVid	http://www.	Judson	NWS Southern	817-978-	judson.ladd@	5/1/2006	9/1/2008	Andy.Patri	Southern	Discontinued -
	Public Service	multimedia files that are Internet-accessible and	eos-1.pdf	srh.noaa.g	Ladd	Region HQ	1100x109	noaa.gov			<u>ck@noaa.</u>	Region	Effective 4/28/2008
	Videos	provide viewers with a variety of weather-related		ov/bro/mult		819 Taylor					gov	Director	
		information. These videos may contain public		<u>i.htm</u>		Street Fort							
		safety information about hazardous weather				Worth, TX							
		threats in support of weather preparedness				76102							
		events, meteorological summaries of significant											
		weather events, or briefings about seasonal											
		weather outlooks.											
New	Experimental	The National Weather Service is responsible for	AHPSRSS final	http://www.	Ross	National	631-244-	I.Ross.Dickma	12/11/2006	7/11/2007	ahps.web	Eastern	Discontinued -
	Use of Really	making its data widely available to taxpayers	<u>_rev3.pdf</u>	weather.go	Dickman	Weather	0104	n@noaa.gov			master@	Region	Effective 4/09/2008.
	Simple	using commonly accepted standards and		v/ahps/rss/		Service					<u>noaa.gov</u>	Director	National capability
	Syndication	techniques. One of the most widely accepted,				Eastern Region							available at
	(RSS) for	available, and cost effective means of				HeadquartersA							weather.gov/ahps/rs
	Distribution of	accomplishing this objective is the use of web				ttn: AFI							s
	Advanced	services via the internet. The NWS has				Program (AFI),							
	Hydrologic	implemented AHPS as a corporate-wide HTTP-				ER1630							
	Prediction	based web service for disseminating hydrologic				Johnson							
	Service	information. This service has allowed users				AveBohemia,							
	(AHPS)	instant access to current NWS hydrologic				NY 11716							
	Information	information via Internet connections to personal											
		computers equipped with industry standard											
		browsers.											
	l												
New	NWS Web	NWS Southern Region, in the interests of	<u>SR-10.pdf</u>	http://mobil		819 TAYLOR	(817)978-	paul.kirkwood		2/28/2005		Mike Coyne	Discontinued -
	services via	providing public services in the most			Kirkwood	ST	1100 x145	@noaa.gov					Effective 3/13/2008
	wireless	costeffective		<u>her.gov</u>		FORT WORTH							Replaced by national-
	technologies	manner, will provide wireless web services on an				TX 76102-6171							level experimental
		experimental basis to											product
		customers with wireless access. Information											
		within the wireless web service will include											
		watches, warnings, advisories, weather											
		statements, forecasts and observations.											

New	Convective Weather Forecast Product, Version 2 (NCWF-2)	NCWF-2 will assist dispatchers and traffic flow managers in their planning and provide greater efficiency during periods of convective weather within the National Airspace System (NAS). Although NCWF-2 does not yet replace the regulatory guidance provided by the Convective SIGMET, it does provide a valuable supplement for the Convective SIGMET. It is expected that NCWF-2 will replace the NCWF-1 product at some point. NCWF-2 introduces the concept of probabilistic risk that convection will affect certain airspace.	NCWFv2pdd.pd Í		Jeremy Gordon	NWS, 7720 NW 101st Terrace, Kansas City, MO 64153	(816) 584- 7256	Jeremy.Gordo n@noaa.gov	9/26/2006	10/26/2006	http://ww Office of w.weather Climate, .gov/surve Water, and y/nws- survey.ph Services p?code=N Director CWF	Discontinued - Effective 3/03/2008
New	NOAA Weather Radio	The NationalWeather Service (NWS) automatically generates .mp3 files of all broadcast text sent to the NWS NOAA Weather Radio (NWR). These MP3 files can be downloaded and played on a home computer to listen to various broadcast texts. The format of the .mp3 files is an auto-generated computer voice of forecast text sent out by NWS forecasters using IFPS.	NOAAWeather Radio.pdf	http://www. erh.noaa.g ov/ctp/wxr adio/nwr.p hp	Ron Holmes	227 W. Beaver Ave State College, Pa. 16801	814-234- 9412 x 235	<u>ron.holmes@n</u> <u>oaa.gov</u>	12/31/2004		http://ww Bruce Budd w.erh.noa a.gov/ctp/ wxradio/e xperiment .php	Discontinued - Effective 2/21/2008
	Uncertainty Forecast for Milwaukee and	In a single graphic, information from the Point Forecast Matrix (PFM), climatological averages, Mean Absolute Error of forecasts from periods 1 to 14, and GFS MOS ensemble standard deviation for highs, lows, and POPs will be provided in "one stop shopping".	MKX0207.pdf	http://www. crh.noaa.g ov/mkx/?n =experime ntal-fcst- uncertainty	Mike Looney	Central Region HQ 7220 NW 101st Terrace Kansas City, MO 64153	816-268- 3140	<u>mike.looney@</u> noaa.gov	2/28/2007	6/30/2007	j <u>effrey.cra</u> Central ven@noa a.gov Director	Discontinued - Effective 2/11/2008.
New	Experimental Graphical Milepost Forecast	The experimental Graphical Milepost Forecast allows the user to check the forecast in either meteogram or table format for the next 24 hours at mileposts along all major highways across the Pendleton CWA. The mileposts have been extended to include major travel routes to Seattle and Spokane WA, Portland OR, and Boise ID.	<u>milepostpddpdt.</u> <u>pdf</u>	http://www. wrh.noaa.g ov/pdt/fore cast/graphi calForecas ts/milepost /index.php ?wfo=pdt	Mike Vescio	NWS Weather Service Forecast Office 2002 NW 56th Drive Pendleton, OR 97801-4532	541-276- 7832	michael.vescio @noaa.gov	11/16/2007	5/1/2008	http://ww Western wweather .gov/surve y/nws- survey.ph p?code=p dtmilepost	Approved for Operations - Effective 05/19/2008
	Syndication (RSS) for	Given the success of past/current use of NWS RSS feeds and the efficiency with which NWS is able to provide current operational information to users, NWS proposes to provide approval to disseminate any already-approved operational hydrometeorological information using RSS technologies.		http://www. weather.go v/cio/policy /standards .htm	Ronald Jones	1325 East West Highway Rm 9462 Silver Spring, MD 20910	(301)713- 1381 x130	ronald.c.jones @noaa.gov	4/6/2007	5/30/2007	http://ww NWS Chief w.weather Information .gov/surve y/nws- survey.ph p?code=R SS	Approved for Operations Effective 04/07/2008

New	Ceiling Height and Surface Visibility Information On The Multi- Format Forecast Information Web Page	Information dissemination via the world wide web (www) allows customers to obtain higher resolution ceiling height and surface visibility information in a variety of formats on demand.	HourlyAvnMete ogramPDD.pdf	http://www. erh.noaa.g ov/forecast /gridpoint. php?site=rl X		Central Region HQ 7220 NW 101ST TerraceKansas City, MO 64153	3140	mike.looney@ noaa.gov	6/28/2006	5/31/2007	<u>nklin@no</u> aa.gov	Eastern and Central Region Directors	Approved for Operations - Effective 03/10/2008
New	Probabalistic Quantitative Precipitation Forecasts	Forecasts for the probability to exceed particular rainfall amounts are being produced. The probabilities to exceed 0.10, 0.50, 1.00 and 2.00 inches of rain are provided for each 6-hour period during the first 96 hours of the forecast cycle. These forecasts are provided as both tables and bar charts for each county in each participating WFO's forecast area.	PDD/PDD- POE.pdf	http://www. srh.noaa.g ov/tsa/pqpf .htm		NWS Southern Region HQ 819 Taylor Street Fort Worth, TX 76102	817-978- 1100x109	judson.ladd@ noaa.gov	5/1/5007	10/31/2007		Southern Region Director	Approved for Operations - Effective 03/10/2008
New	Graphical Short Term Forecast Product – "GraphiCast"	The GraphiCast is a graphical representation of the short term weather forecast (0 to 6 hours) in the forecast area of responsibility of individual WFO. It depicts current radar, satellite, or observation imagery with graphical and text annotations showing forecast weather conditions in the next several hours.	GraphicalShort TermForecastre v1.pdf	http://www. srh.noaa.g ov/ffc/html/ spcInow.s html		Southern Region HQ 819 Taylor Street, Room 10A06Fort Worth, TX 76102	817-978- 110x104	mac.mclaughli n@noaa.gov	8/9/2006			Southern Region Director	Approved for Operations - Effective 03/10/2008
New	Tactical Convective Hazard Product	The TCHP provides a graphical presentation of thunderstorm hazards to aviation operations. It depicts current hazardous thunderstorms and a one-hour forecast of hazardous thunderstorm locations.	TCHPTJAUpdat e.pdf	<u>http://tmu.f</u> <u>sl.noaa.go</u> <u>v/</u>	Judson Ladd	NWS Southern Region HQ 819 Taylor Street Fort Worth, TX 76102	817-978- 1100x109	judson.ladd@ noaa.gov	5/1/2006			Southern Region Director	Approved for Operations - Effective 03/10/2008
New	HotSeat Warning Simulator	HotSeat is a web-based warning simulation tool. It uses archived WSR-88D data from actual events along with severe weather reports and damage survey photographs in a displaced real- time (DRT) mode to approximate the feel of issuing severe weather warnings in the National Weather Service.	HotSeat.pdf	http://www. srh.noaa.g ov/ffc/HotS eat/index.s html		819 Taylor StreetFort Worth, TX 76102	817-978- 1100x109	judson.ladd@ noaa.gov	4/1/2006		w.srh.noa	Southern Region Director	Approved for Operations - Effective 03/05/2008
New	Crosswind Calculator Aid	The Crosswind Decision Aid is color-coded according to the degree of impact the wind will have on various runways – green indicating little or no impact; yellow indicating marginal impact; and red indicating significant impact.	CrosswindProje ctTJAUpdate.pd f			NWS Southern Region HQ 819 Taylor Street Fort Worth, TX 76102	817-978- 1100x109	judson.ladd@ noaa.gov	5/1/2006	10/31/2006	mis@noa	Southern Region Director	Approved for Operations - Effective 03/05/2008

New		NDFDClimate is a computer application that creates images of forecast and climatological parameters for the continental U.S. from two different digital data sets. The first data set is the NDFD and the second data set is PRISM an expert system that uses point climatological temperature data and a digital elevation model (DEM) to generate gridded estimates of climate parameters.	NDFDClimateP DD.pdf	http://www. erh.noaa.g ov/cle/wea ther/wseta/ NDFDClim ate.html		NOAA National Weather Service ATTN: Christopher Mello; Federal Facilitites Building Airport Cleveland, OH 44135	2382	<u>Christopher.M</u> <u>ello@noaa.go</u> ⊻	12/15/2005 12	15/2006 Christoph er.Mello@ noaa.gov		Approved for Operations - Effective 02/21/2008
New		The Graphical Severe Weather Warning (GSWW) combines the polygon generated by WARNGEN for a TOR or SVR issuance with a current radar reflectivity image, high-detail GIS map backgrounds showing roads, cities, and terrain, and a summary of demographic information for the population at risk. The GSWW also contains the text of the warning and any subsequent SVSs issued for that warning.	<u>SR-8.pdf</u>	http://www. srh.noaa.g ov/fwd/gw arn/nwswa rning.html	Bill Bunting	819 Taylor St. 10A26 Ft. Worth, TX 76102	817-831- 1157x220	<u>William.Buntin</u> g@noaa.gov	5/1/2004 12	2/30/2004	Southern Region Director	Approved for Operations - Effective 02/11/2008
New	and Day 3 Excessive		EXPTExcessive PrecipDay2&3.p df		Mullusky	1325 East West Highway Silver Spring, MD 20910	301-713- 0006x169	<u>Mary.Mullusky</u> @noaa.gov	6/5/2007 11	w.weathe .gov/surve <u>y/nws-</u> survey.ph	Office of Climate, Water, and Weather Services Director	Approved for Operations - Effective 02/11/2008
New			<u>MLB_GHWO_P</u> <u>DD-1.pdf</u>		Bart Hagemeyer	WSFO Melbourne 421 Croton Road Melbourne, Fl 32935	321-255- 0212	<u>bart.hagemey</u> <u>er@noaa.gov</u>	9/12/2005 9	//11/2006 <u>david.sha</u> <u>p@noaa.</u> gov	CSouthern Region Director	Approved for Operations - Effective 02/08/2008
New	Forecast Information Web Page		MarinePointClic k0607.pdf	http://www. crh.noaa.g ov/mqt/	Mike Looney	Central Region HQ 7220 NW 101st Terrace Kansas City, Mo 64153	816-268- 3140	<u>mike.looney@</u> noaa.gov	6/11/2007 9	/10/2007 tom.towns end@noa a.gov	Central Region and Eastern Region Directors	Approved for Operations - Effective 02/08/2008

New	Minneapolis TRACON Collaborative Convective Forecast Product	The Minneapolis TRACON forecast product/service will be a collaborative effort by personnel of WFO Minneapolis, CWSU Minneapolis and initially, Northwest Airlines to produce a forecast of thunderstorm and/or lightning activity within a radius of 100 nautical miles of the center of the Minneapolis airport.	PDD4MSPTRA CONFCST.080 7-1.pdf	http://www. crh.noaa.g ov/zmp/tst mTDA.php		Central Region HQ 7220 NW 101ST TerraceKansas City, MO 64153	3140	mike.looney@ noaa.gov	8/3/2007	10/2/2007	http://ww w.crh.noa a.gov/zmp /tstmTDA. php	Central Region Director	Approved for Operations - Effective 02/08/2008
New	Experimental Seasonal Forecast	Regional/Local Experimental Seasonal Forecasts may be textual or graphical. They typically consist of experimental short-term climate variability forecasts and monitoring data, and meteorological/hydrological interpretation and assessment of societal impact on a web page. These experimental web pages will normally provide educational material to help users understand the experimental forecast methodology and reliability to better aid preparedness and mitigation efforts. The web page will typically assimilate a wide variety of information on short-term climate variability for the forecast area such as links to official NOAA/NWS forecasts and experimental, locally/regionally produced graphical/textual monitoring products.	<u>SR-6v3.pdf</u>	http://www. srh.noaa.g ov/mlb/ens o/mlbnino. html		National Weather ServiceAttn: Bart HagemeyerMet eorologist in Charge421 Croton RoadMelbourn e, Florida 32935	321-255- 0212	<u>bart.haqemey</u> <u>er@noaa.gov</u>	10/1/2003	4/30/2004		Southern Region Director	Approved for Operations - Effective 02/07/2008
	NCEP Model Analysis and Forecast (Oct 2007 Changes)	Provides meteorological model output graphics on a website maintained by the National Centers for Environmental Prediction (NCEP).		http://www. nco.ncep.n oaa.gov/p mb/nwpara /analysis/	John Huddleston	5200 Auth RoadCamp Springs, MD 20746	301-763- 8000x7136	John.M.Huddl eston@noaa.g ov	10/30/2007	11/30/2007	w.weather .gov/surve y/nws-	Centers for	Approved for Operations - Effective 01/08/2008
New	GIS Compatible	NDFD forecasts are available to the public in GRIB2 format, a WMO standard. Unfortunately, this format is not widely used outside of the meteorological community. In this project GRIB2 files from the MFR county warning and forecast area are converted to shapefile format and posted to the internet webpage.	MFR_GIS_NDF D.pdf	http://www. wrh.noaa.g ov/mfr/fcst/ shape.php		125 South State Street Salt Lake City, UT 84103	801-524- 4000x262	rich.douglas@ noaa.gov	12/1/2006	5/31/2007	mfr.shape @noaa.g	Western Region Director	Approved for Operations - Effective 01/03/2008
Terminate	Terminate NGM-Based LAMP Products	NWS is proposing to terminate production of NGM-based Local AWIPS MOS System (LAMP) products. The LAMP system is being redeveloped to update the Global Forecast System (GFS) MOS instead of the NGM MOS	pns2007termina te ngm lamp.tx t		Judy Ghirardelli	Meteorological Development Laboratory W/OST21 1325 East West HighwaySilver Spring, MD 20910	301-713- 0056x194	judy.ghirardelli @noaa.gov	8/13/2007	9/14/2007		Office of Science and Technology Director	Approved - Effective Jan. 2008