

NWS Flood Warning Products plus a Look Ahead

September 21 & 22, 2010 DRBC Flood Warning Users Forum

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Mission statement



 "The National Weather Service (NWS) provides weather, hydrologic, and climate forecasts and warnings for the United States, its territories, adjacent waters and ocean areas, for the protection of life and property and the enhancement of the national economy. NWS data and products form a national information database and infrastructure which can be used by other governmental agencies, the private sector, the public, and the global community."





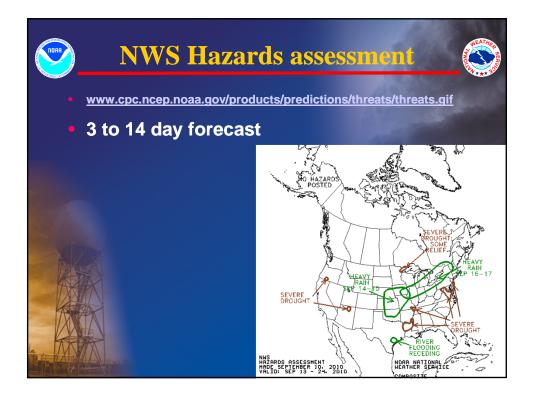


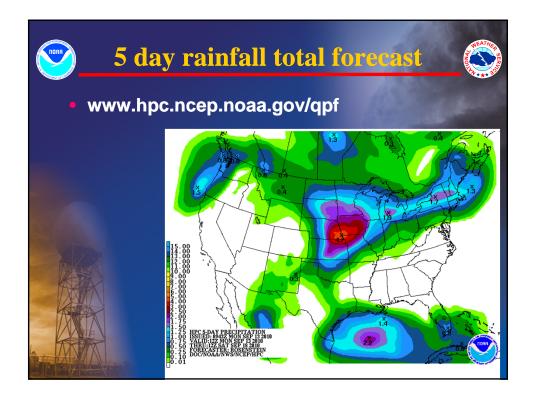


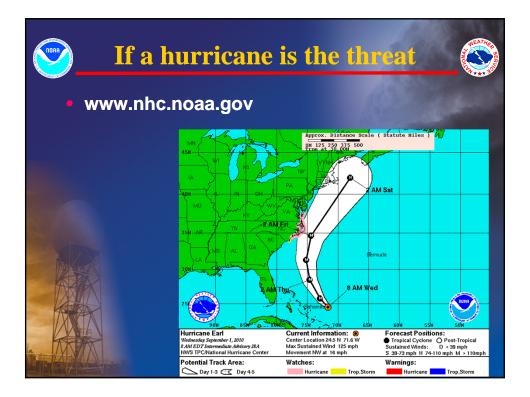
By the time we issue a flood warning, many activities on both our part and yours have hopefully happened

 i.e., If you are waiting for a flood warning prior to taking critical action, you may not have enough time to complete all your activities

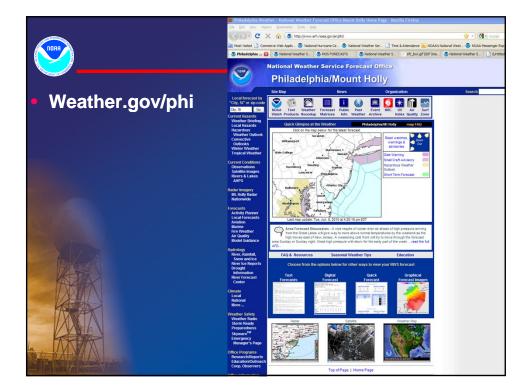
Let's review all the relevant information to assist in your planning before the first flood warning is issued.

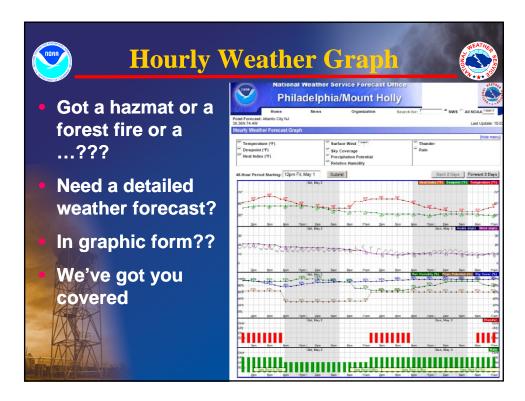


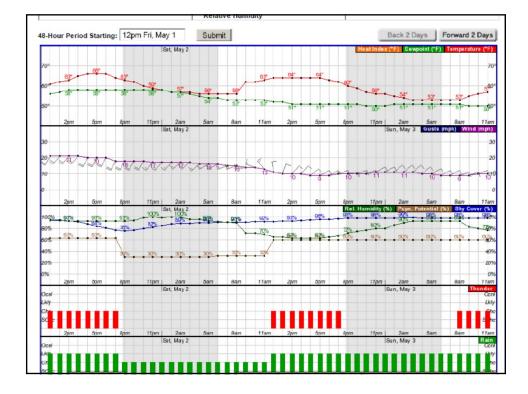


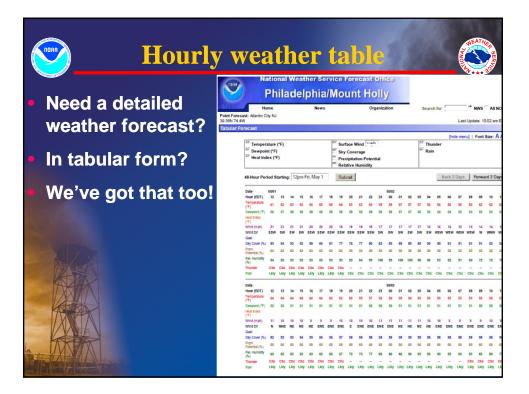




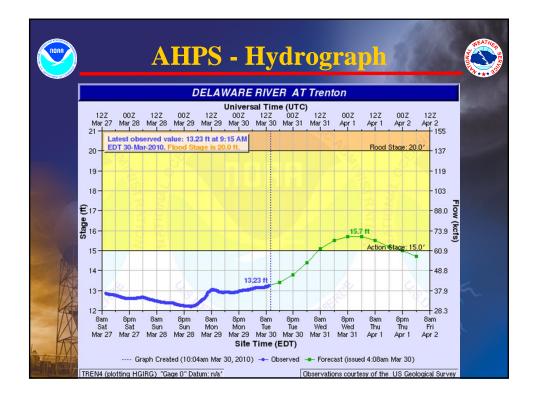


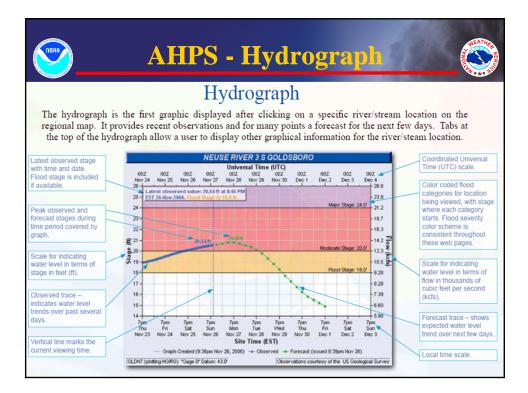


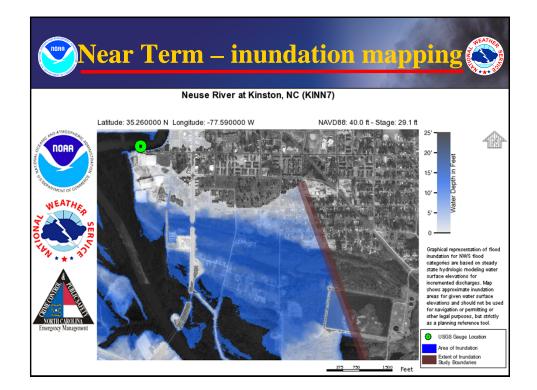


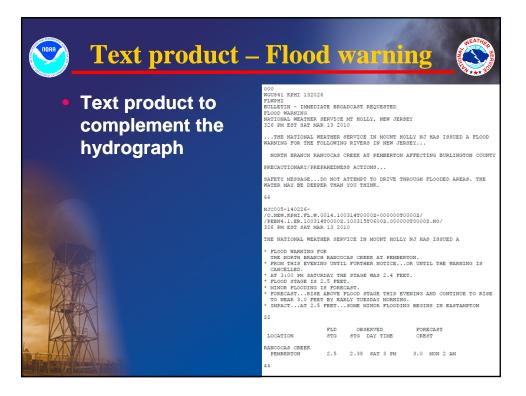


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^{III} Temperature (°F) ^{III} Dewpoint (°F) ^{III} Heat Index (°F)							Image: Sky Coverage Image: Sky Covera									Thunder								
48-Hour Per	iod S	tartin	g: 12	2pm F	Fri, M	ay 1		Sut	omit									B	lack 2	Days	Ŀ	Forwa	ard 2 D	ays
Date	05/01												05/02											
Hour (EDT)	12	13	14	15	16	17	18	19	20	21	22	23	00	01	02	03	04	05	06	07	08	09	10	11
Temperature (*F)	61	62	63	65	66	66	66	64	63	62	60	59	58	57	57	57	56	56	56	56	56	62	62	63
Dewpoint (*F) Heat Index (*F)	56	57	58	58	58	58	58	58	58	58	58	58	58	57	57	56	55	54	54	53	53	53	53	53
Wind (mph)	21	21	21	21	20	20	20	18	18	18	18	17	17	17	17	17	16	16	16	15	15	14	14	13
Wind Dir	SSW	SW	SW	SW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SW	SW	SW	SW	SW	SW	WSW	WSW	WSW	WSW	w	WNW	NW
Gust Sky Cover (%)	95		93	92				77	76	77	80	82	85				-	-	91	91	91	91	92	92
Popn. Potential (%)	63	63	63	63	63	63	63	63	30	30	30	30	30	30	30	30	30	30	32	32	32	32	32	32
Rel. Humidity	94	95	93	93	93	93	93	93	93	94	99	100	99	100	100	96	96	93	92	91	90	72	72	70
Thunder	Chc	Chc	Chc	Chc	Chc	Chc	Chc	Chc		-		-	-	-	-	-	-		-		-	-	-	
Rain	Lkly	Lkly	Lkly	Lkly	Lkly	Lkly	Lkly	Lkly	Chc	Chc	Chc	Chc	Chc	Chc	Chc	Chc	Chc	Chc	Chc	Chc	Chc	Chc	Chc	Chc
Date													05/03											
Hour (EDT)	12	13	14	15	16	17	18	19	20	21	22	23	00	01	02	03	04	05	06	07	08	09	10	11
Temperature (*F)	64	64	64	64	64	64	63	62	60	59	57	56	56	55	54	53	53	53	53	53	53	55	56	57
Dewpoint (*F) Heat Index (*F)	52	52	51	51	51	51	51	51	51	51	50	50	50	51	51	51	51	51	51	51	51	50	50	50
Wind (mph)	11	10	10	10	9	9	9	10	10	10	10	11	11	11	11	11	10	10	9	9	9	9	10	10
Wind Dir Gust	N	NNE	NE	NE	NE	ENE	ENE	ENE	Е	ENE	ENE	ENE	ENE	NE	NE	NE	NE	ENE	ENE	ENE	ENE	ENE	ENE	ENE
Sky Cover (%)	92	93	93	94	95	96	96	97	98	98	98	98	98	98	39	99	98	98	98	98	98	98	98	98
Popential (%)	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
Rel. Humidity (%)	65	65	63	63	63	63	65	67	72	75	77	80	80	86	90	93	93	93	93	93	93	83	80	77
Thunder	Chc	Chc	Chc	Chc	Chc	Chc	Chc	Chc		-	-		-	-	-	-	-		-	-	Chc	Chc	Chc	Chc











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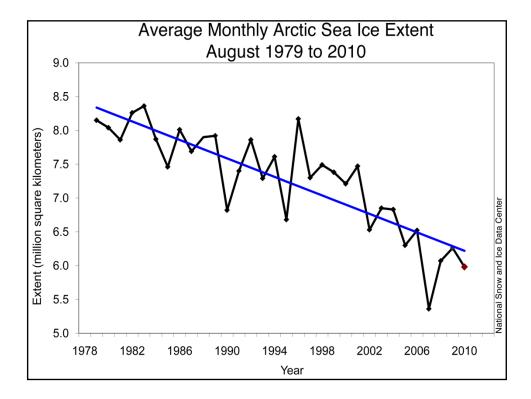


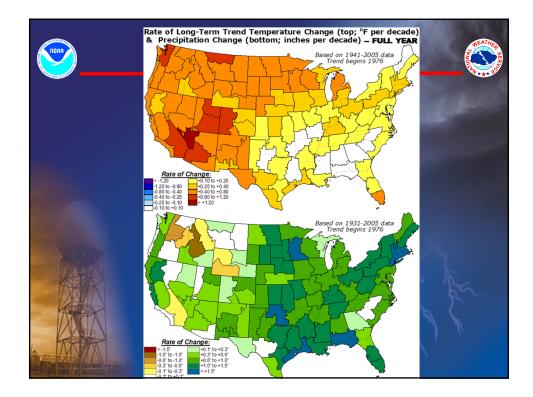


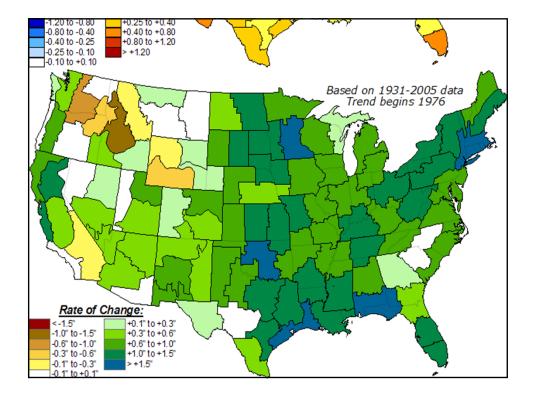


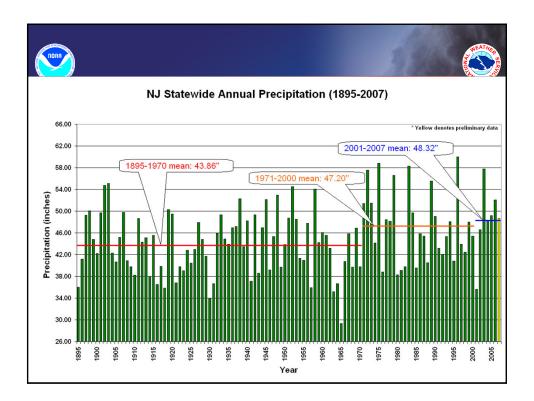


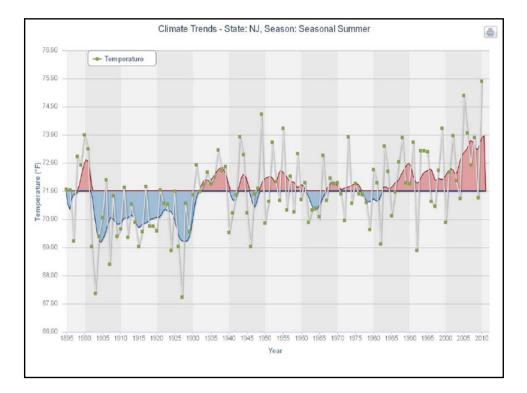
Muir Glacier, Ak: August, 1941 (photo by William Field) August, 2004 (photo by Bruce Molnia)

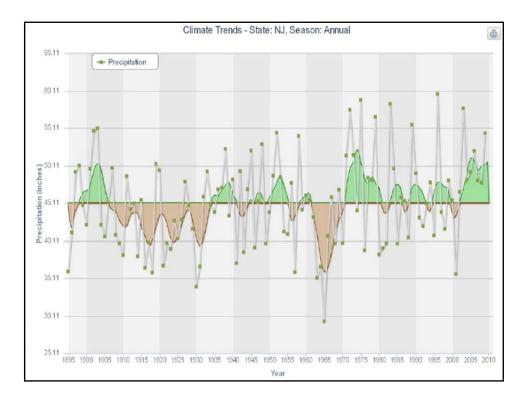


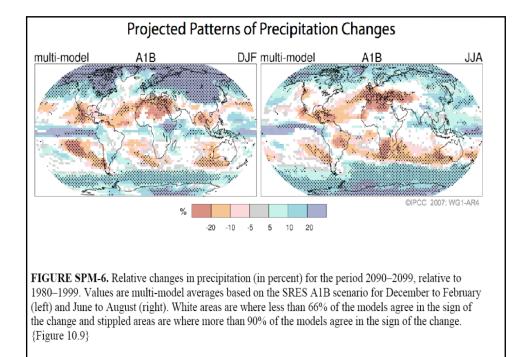


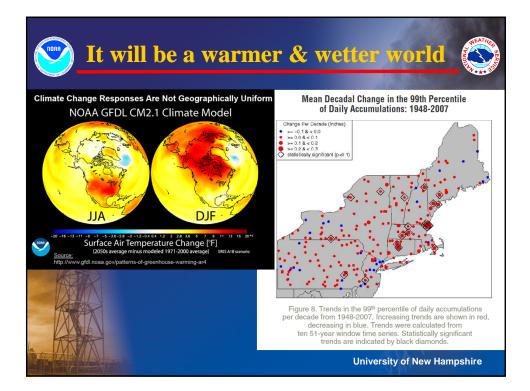




















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NWS DSS - What is It? Painting a Complete Picture Quickly



