

DUTCHESS COUNTY DEPARTMENT OF EMERGENCY RESPONSE
OFFICE OF EMERGENCY MANAGEMENT
(845) 486-2080

**WIND CHILL WATCH FOR DUTCHESS COUNTY –
EXTREME COLD TEMPERATURES**

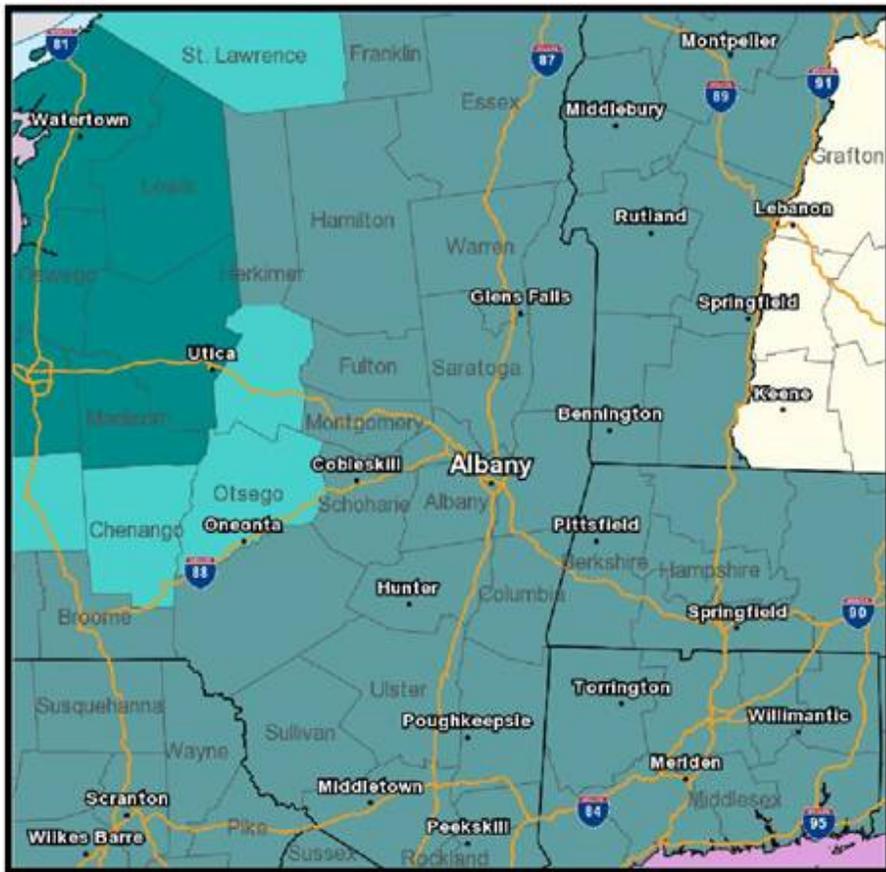
Based on the latest information obtained through communication with the National Weather Service.

The National Weather Service has issued a Wind Chill Watch for Dutchess County effective 1pm Saturday through 1pm Sunday. Daily average temperatures will be 10 degrees (F) or less Friday through Monday. Gusty winds accompanied by dangerous and possibly life threatening cold wind chills are expected.

Below and attached is the latest forecast graphic created by the National Weather Service.



Winter Weather Headlines



Lake Effect Snow Advisory remains in effect until 6pm for southern Herkimer County. Additional 1-3 inches of snow possible through this evening.

Graphic Created
February 11th, 2016
4:28 PM EST



Wind Chill



NWS Windchill Chart

		Temperature (°F)																	
		40	35	30	25	20	15	10	5	0	-5	-10	-15	-20	-25	-30	-35	-40	-45
Wind (mph)	Calm	40	35	30	25	20	15	10	5	0	-5	-10	-15	-20	-25	-30	-35	-40	-45
	5	36	31	25	19	13	7	1	-5	-11	-16	-22	-28	-34	-40	-46	-52	-57	-63
	10	34	27	21	15	9	3	-4	-10	-16	-22	-28	-35	-41	-47	-53	-59	-66	-72
	15	32	25	19	13	6	0	-7	-13	-19	-26	-32	-39	-45	-51	-58	-64	-71	-77
	20	30	24	17	11	4	-2	-9	-15	-22	-29	-35	-42	-48	-55	-61	-68	-74	-81
	25	29	23	16	9	3	-4	-11	-17	-24	-31	-37	-44	-51	-58	-64	-71	-78	-84
	30	28	22	15	8	1	-5	-12	-19	-26	-33	-39	-46	-53	-60	-67	-73	-80	-87
	35	28	21	14	7	0	-7	-14	-21	-27	-34	-41	-48	-55	-62	-69	-76	-82	-89
	40	27	20	13	6	-1	-8	-15	-22	-29	-36	-43	-50	-57	-64	-71	-78	-84	-91
	45	26	19	12	5	-2	-9	-16	-23	-30	-37	-44	-51	-58	-65	-72	-79	-86	-93
	50	26	19	12	4	-3	-10	-17	-24	-31	-38	-45	-52	-60	-67	-74	-81	-88	-95
55	25	18	11	4	-3	-11	-18	-25	-32	-39	-46	-54	-61	-68	-75	-82	-89	-97	
60	25	17	10	3	-4	-11	-19	-26	-33	-40	-48	-55	-62	-69	-76	-84	-91	-98	

Frostbite Times: 30 minutes (light blue), 10 minutes (medium blue), 5 minutes (dark blue)

Wind Chill (°F) = 35.74 + 0.6215T - 35.75(V^{0.16}) + 0.4275T(V^{0.16})
 Where, T= Air Temperature (°F) V= Wind Speed (mph) Effective 11/01/01

Wind Chill Advisory Criteria

Degrees (F)

- 20
- 15
- 10



Wind Chill Warning Criteria

Degrees (F)

- 35
- 30
- 25



Wind Chills Friday night through Sunday will range from 20 to 45 degrees below zero!