

Today's Weather

Name: _____ Time: _____ Date: _____

Temperature Air _____

Surface _____

Wind Speed #1 _____ m.p.h. Speed#2 _____ (1-12 Beaufort)
_____ (m/s) _____ (m/s)

Direction _____

Wind Chill _____

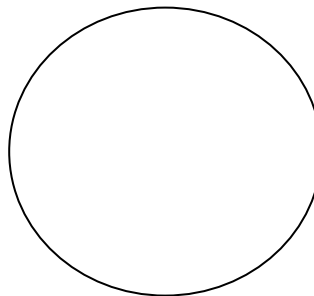
Barometric Reading: _____ hPa

Did the barometric pressure rise or fall in the last 16 hours?

Relative Humidity _____ %

Cloud Type

Cloud Cover



How would you describe the sky? _____

BEAUFORT SCALE

Force No.	Wind Name	Speed: mph	Speed: kph	Speed m/s
0	Calm	0	0	0
1	Light Air	1-3	1-5	0.3-1.5
2	Light Breeze	4-7	6-11	1.6-3.1
3	Gentle Breeze	8-12	12-19	3.2-5.4
4	Moderate Breeze	13-18	20-28	5.5-7.9
5	Fresh Breeze	19-24	29-38	8.0-10.8
6	Strong Breeze	25-31	39-49	10.9-13.7
7	Moderate Gale	32-38	50-61	13.8-17.0
8	Fresh Gale	39-46	62-74	17.1-20.5
9	Strong Gale	47-54	75-88	20.6-24.5
10	Whole Gale	55-63	89-102	24.6-28.4
11	Storm	64-72	103-117	28.5-32.6
12	Hurricane	73+	118+	32.7+

WIND CHILL CHART

Wind speed (m/s)	AIR TEMPERATURE (degrees C)											
	8	6	4	2	0	-2	-4	-6	-8	-10	-12	-14
2	7	5	3	1	-1	-3	-5	-7	-9	-11	-13	-15
4	3	1	-2	-4	-7	-9	-11	-14	-16	-19	-21	-23
6	0	-2	-5	-8	-10	-13	-16	-18	-21	-23	-26	-29
8	-2	-5	-7	-10	-13	-16	-19	-21	-24	-27	-30	-33
10	-3	-6	-9	-12	-15	-18	-21	-24	-27	-30	-33	-35
12	-5	-8	-11	-14	-17	-20	-23	-26	-29	-32	-35	-38
14	-5	-9	-12	-15	-18	-21	-24	-27	-30	-33	-36	-39
16	-6	-9	-12	-15	-19	-22	-25	-28	-31	-34	-37	-40
18	-7	-10	-13	-16	-19	-22	-26	-29	-32	-35	-38	-41
20	-7	-10	-13	-16	-20	-23	-26	-29	-32	-36	-39	-42
22	-7	-10	-14	-17	-20	-23	-26	-30	-33	-36	-39	-42
24	-7	-10	-14	-17	-20	-23	-27	-30	-33	-36	-39	-43
26	-7	-10	-14	-17	-20	-23	-27	-30	-33	-36	-39	-43

Make a Prediction!

Based on the weather data you have collected, do you think the weather will get better, deteriorate or stay the same? Explain your reasoning.
