

January 1819.

Observations	WIND	Bar.	Ther. in	Ther. out	Days
Morn's very fine day from 2 to dark a thaw -	W	0.30 0.23 0.10	38 40 41	39 39 39	1
Clouded, w. a breeze.	S.W	0.10 0.06 9.95	40 40 41	40 40 43	2
Clouded & Wind high	S.W.	9.85 9.83 9.70	42 42 42	43 43 45	3
Clouded - high wind & some rain but night.	S.W	9.62 9.56 9.62	46 47 46	46 49 49	4
Fine, w. clouds & haze	S.E. S.E.	9.80 9.80 9.80	45 45 41	45 49 42	5
Blowing, w. clouds & showers very wet at night late	W.S.W	9.72 9.62 9.45	45 46 45	45 48 44	6
Fine, w. some haze & clear.	W	9.30 9.45 9.62	43 43 39	43 42 32	7
Fine, w. some clouds & haze much rain at night. S. - a storm	S.E.	9.53 9.39 8.62	40 40 43	40 34 40	8
Wind still very high but air clear in morn. Flying clouds. very wet - then clearer	S.W	8.75 8.78 9.18	43 43 42	43 44 41	9
Night very wet - cloudy day with rain Rain & storm last night	S.S.W	9.05 8.66 9.10	45 46 42	45 48 37	10
Morn's clear but wind still high Showers of sleet at night.	W.S.W	9.50 9.50 9.50	40 42 44	42 42 47	11
clear but Wind very high Night clouded	S.S.W	9.50 9.50 9.50	41 44 44	47 47 47	12
Very clear morn. - Fine day but dark some rain & lightning	W	9.50 9.51 9.51	42 42 42	43 40 40	13
Very rainy & stormy in morn. but night clear	W.S.W S.W	9.10 9.30 9.49	47 47 43	47 50 42	14
Blowing, w. clouds & showers. Very windy & snow in the p.m.	W	9.51 9.49 9.41	43 43 43	42 36 45	15
Thaws this morn. with clouds - Rain at N. but high wind	W.S.W S.W	9.43 9.43 9.43	43 43 42	45 43 43	16
Heavy rain & Wind dark day with showers and very high.	W.S.W S.W	9.71 9.89 9.46	43 42 40	40 33 37	17
Heavy rain last night Blowing, but fine some light snow - Showers. was fine	S.W	9.39 9.45 9.35	37 37 37	35 32 32	18
Clouded morn. last day.	S.E.	9.12 9.00 9.17	37 36 36	37 34 36	19
Morn's clear - Afterwards very overcast Storm & rain.	W.S.W	9.12 9.15 9.12	36 36 39	35 32 32	20
Morn's clear - Fine day	W.S.W	9.12 9.15 9.12	36 36 39	32 32 32	21
Rain & storm afternoon clear thaws Showers in the evg.	S.W	8.65 8.65 9.07	41 41 36	43 43 32	22
Clouded Morn. Snow on hills clear evg.	S.W	9.00 9.07 8.90	36 36 36	32 32 32	23
Snow showers - not accumulating on the ground. Wind very high	S.E. & the S.	8.73 8.73 8.73	36 36 35	32 32 32	24
Clouded to the south very clear Northward in morn. Snow, not flying.	S.W. & S.	8.90 8.75 9.10	35 35 35	32 32 31	25
Some flying snow, but weather fine frost hard at night.	S.W	9.24 9.25 9.25	33 36 36	31 30 34	26
Thaw with heavy rain -	S.E.	9.25 9.20 9.10	34 35 37	37 34 36	27
Rain & snow melting as it falls.	S.E.	9.20 9.20 9.21	35 35 35	34 35 35	28
Clouded, w. some rain. Heavy rain at night	S.E.	9.10 9.10 9.26	34 34 36	36 37 39	29
Morn's clear - Day clouded	S.E.	9.42 9.40	36 36	34 34	30
Fair but clouded. Clear after noon.					31

Observations

WIND Bar. Ther. in Ther. out days

Fine with clouds. Snow very fine	W. W. W	9.35	9.32	9.34	34	35	28	36	30	1
Fine & clear. Hazy night	W. W	9.39	9.40	9.40	34	34	31	33	30	2
Clouded & wet.	S. W	9.10	9.05	9.05	36	35	30	42	38	3
Clouded, but fair. Clearer at night - wide halo about 9.	S. W	9.40	9.30	9.30	37	35	37	42	40	4
Very clouded, misty. W. some rain late	S. W	9.20	9.25	9.22	40	39	41	45	42	5
Clear mor. then hazy & afterwards very wet & stormy.	S. W	8.09	8.03	8.07	39	40	38	42	39	6
Mostly fair, with some showers.	S. W	9.37	9.30	9.15	38	39	38	42	40	7
Fine, but clouded - some rain at night & very overcast -	W. W. W	9.50	9.52	9.52	40	39	40	43	40	8
Heavy rain before daylight in the mor. overcast & damp.	W. S. W	9.36	9.35	9.35	42	41	42	46	42	9
overcast, w. a good deal of rain	W	9.40	9.39	9.39	39	40	40	43	41	10
very wet & clouded, w. some mist	W. S. W	9.35	9.38	9.38	38	39	39	42	39	11
Clouds & showers.	W. W. W	9.40	9.33	9.33	40	40	38	41	38	12
Clouds & showers, but lighter than yesterday.	W. W. W	9.62	9.54	9.54	39	39	40	43	34	13
Fine mor. clouded afterwards & all night	W. S. W	9.49	9.60	9.60	40	38	41	44	37	14
Clouded & blowing	S	9.37	9.44	9.44	42	42	42	47	42	15
Clouded & wet.	S. S. W	9.17	9.25	9.25	41	42	41	44	40	16
Fine, w. a good deal of clouds	W	9.10	9.13	9.10	42	43	42	46	43	17
Hazy mor. - wet & blowing days	S. S. E	9.09	9.06	9.06	40	42	40	42	41	18
Blowing w. clouds & showers. A splendid aurora borealis at night, late.	S. S. W	9.05	9.05	9.05	42	40	43	46	43	19
Light haze & a breeze. A very great deal of rain all night.	W. W	9.25	9.27	9.27	40	42	40	43	42	20
Floods. Very wet & stormy mor. & day. - Fair eve. & night.	W. W	9.57	9.30	9.30	40	40	39	42	39	21
Fine, w. haze & a breeze. - wet eve. & at night.	W	9.66	9.66	9.66	40	41	37	42	39	22
Heavy clouds & showers, w. some snow.	S. W	9.45	9.57	9.57	37	40	32	36	35	23
Stormy, w. some sleet	W. W. E	9.55	9.50	9.48	37	37	36	41	35	24
clouded but fair.	W. W. W	9.70	9.74	9.68	37	37	36	41	38	25
Mostly wet, & very clouded	S. E	9.25	9.40	9.52	36	37	36	39	36	26
A considerable fall of snow	S. W. E	9.00	9.08	9.07	33	36	27	37	35	27
Snow mostly melted - clouded day.	W	9.17	9.15	9.10	35	37	35	38	34	28

February 1819.

Observations

WIND Bar.

Ther. in Ther. out days

Fine, w. some clouds & haze snow lying on the hills.	N.W. 8	9.137	9.44	9.58	9.83	9.93	9.91	9.97	9.96	9.95	9.89	9.91	9.99	0.04	9.88	9.67	9.64	9.95	9.91	9.28	9.57	9.62	9.55	9.35	9.19	9.12	9.20	9.33	9.28	9.11	9.24	9.40	9.25	9.08	9.53	9.64
Same as yesterday, but more clouds	N.W. 8	9.137	9.44	9.58	9.83	9.93	9.91	9.97	9.96	9.95	9.89	9.91	9.99	0.04	9.88	9.67	9.64	9.95	9.91	9.28	9.57	9.62	9.55	9.35	9.19	9.12	9.20	9.33	9.28	9.11	9.24	9.40	9.25	9.08	9.53	9.64
Fine, w. some clouds & a breeze.	N.W. 8	9.137	9.44	9.58	9.83	9.93	9.91	9.97	9.96	9.95	9.89	9.91	9.99	0.04	9.88	9.67	9.64	9.95	9.91	9.28	9.57	9.62	9.55	9.35	9.19	9.12	9.20	9.33	9.28	9.11	9.24	9.40	9.25	9.08	9.53	9.64
Fine, & clear	N	9.137	9.44	9.58	9.83	9.93	9.91	9.97	9.96	9.95	9.89	9.91	9.99	0.04	9.88	9.67	9.64	9.95	9.91	9.28	9.57	9.62	9.55	9.35	9.19	9.12	9.20	9.33	9.28	9.11	9.24	9.40	9.25	9.08	9.53	9.64
Fine, but cloudy	N.W.	9.137	9.44	9.58	9.83	9.93	9.91	9.97	9.96	9.95	9.89	9.91	9.99	0.04	9.88	9.67	9.64	9.95	9.91	9.28	9.57	9.62	9.55	9.35	9.19	9.12	9.20	9.33	9.28	9.11	9.24	9.40	9.25	9.08	9.53	9.64
Same as yesterday	N.W.	9.137	9.44	9.58	9.83	9.93	9.91	9.97	9.96	9.95	9.89	9.91	9.99	0.04	9.88	9.67	9.64	9.95	9.91	9.28	9.57	9.62	9.55	9.35	9.19	9.12	9.20	9.33	9.28	9.11	9.24	9.40	9.25	9.08	9.53	9.64
very fine, but a good deal cloudy	N.W. 8	9.137	9.44	9.58	9.83	9.93	9.91	9.97	9.96	9.95	9.89	9.91	9.99	0.04	9.88	9.67	9.64	9.95	9.91	9.28	9.57	9.62	9.55	9.35	9.19	9.12	9.20	9.33	9.28	9.11	9.24	9.40	9.25	9.08	9.53	9.64
very fine, but overcast	N	9.137	9.44	9.58	9.83	9.93	9.91	9.97	9.96	9.95	9.89	9.91	9.99	0.04	9.88	9.67	9.64	9.95	9.91	9.28	9.57	9.62	9.55	9.35	9.19	9.12	9.20	9.33	9.28	9.11	9.24	9.40	9.25	9.08	9.53	9.64
Same as yesterday, but light rain in the mor.	N	9.137	9.44	9.58	9.83	9.93	9.91	9.97	9.96	9.95	9.89	9.91	9.99	0.04	9.88	9.67	9.64	9.95	9.91	9.28	9.57	9.62	9.55	9.35	9.19	9.12	9.20	9.33	9.28	9.11	9.24	9.40	9.25	9.08	9.53	9.64
Fine, but very overcast, w. a breeze	N.W. 8	9.137	9.44	9.58	9.83	9.93	9.91	9.97	9.96	9.95	9.89	9.91	9.99	0.04	9.88	9.67	9.64	9.95	9.91	9.28	9.57	9.62	9.55	9.35	9.19	9.12	9.20	9.33	9.28	9.11	9.24	9.40	9.25	9.08	9.53	9.64
Same as yesterday	N.W. 8	9.137	9.44	9.58	9.83	9.93	9.91	9.97	9.96	9.95	9.89	9.91	9.99	0.04	9.88	9.67	9.64	9.95	9.91	9.28	9.57	9.62	9.55	9.35	9.19	9.12	9.20	9.33	9.28	9.11	9.24	9.40	9.25	9.08	9.53	9.64
Same as yesterday	N.W. 8	9.137	9.44	9.58	9.83	9.93	9.91	9.97	9.96	9.95	9.89	9.91	9.99	0.04	9.88	9.67	9.64	9.95	9.91	9.28	9.57	9.62	9.55	9.35	9.19	9.12	9.20	9.33	9.28	9.11	9.24	9.40	9.25	9.08	9.53	9.64
Shy still overcast, but weather fine.	N.W. 8	9.137	9.44	9.58	9.83	9.93	9.91	9.97	9.96	9.95	9.89	9.91	9.99	0.04	9.88	9.67	9.64	9.95	9.91	9.28	9.57	9.62	9.55	9.35	9.19	9.12	9.20	9.33	9.28	9.11	9.24	9.40	9.25	9.08	9.53	9.64
Same as yesterday	N.W. 8	9.137	9.44	9.58	9.83	9.93	9.91	9.97	9.96	9.95	9.89	9.91	9.99	0.04	9.88	9.67	9.64	9.95	9.91	9.28	9.57	9.62	9.55	9.35	9.19	9.12	9.20	9.33	9.28	9.11	9.24	9.40	9.25	9.08	9.53	9.64
overcast, w. some rain	N.W. 8	9.137	9.44	9.58	9.83	9.93	9.91	9.97	9.96	9.95	9.89	9.91	9.99	0.04	9.88	9.67	9.64	9.95	9.91	9.28	9.57	9.62	9.55	9.35	9.19	9.12	9.20	9.33	9.28	9.11	9.24	9.40	9.25	9.08	9.53	9.64
Same as yesterday	N.W. 8	9.137	9.44	9.58	9.83	9.93	9.91	9.97	9.96	9.95	9.89	9.91	9.99	0.04	9.88	9.67	9.64	9.95	9.91	9.28	9.57	9.62	9.55	9.35	9.19	9.12	9.20	9.33	9.28	9.11	9.24	9.40	9.25	9.08	9.53	9.64
Mostly cloudy & some slight showers.	N.W. 8	9.137	9.44	9.58	9.83	9.93	9.91	9.97	9.96	9.95	9.89	9.91	9.99	0.04	9.88	9.67	9.64	9.95	9.91	9.28	9.57	9.62	9.55	9.35	9.19	9.12	9.20	9.33	9.28	9.11	9.24	9.40	9.25	9.08	9.53	9.64
Very fine, w. light haze & a breeze. overcast & wet in the eve & night. — Fine mor. Afterwards showery & squally.	N.W. 8	9.137	9.44	9.58	9.83	9.93	9.91	9.97	9.96	9.95	9.89	9.91	9.99	0.04	9.88	9.67	9.64	9.95	9.91	9.28	9.57	9.62	9.55	9.35	9.19	9.12	9.20	9.33	9.28	9.11	9.24	9.40	9.25	9.08	9.53	9.64
Blowing & cloudy	N.W. 8	9.137	9.44	9.58	9.83	9.93	9.91	9.97	9.96	9.95	9.89	9.91	9.99	0.04	9.88	9.67	9.64	9.95	9.91	9.28	9.57	9.62	9.55	9.35	9.19	9.12	9.20	9.33	9.28	9.11	9.24	9.40	9.25	9.08	9.53	9.64
overcast, with some rain, but not much.	N.W. 8	9.137	9.44	9.58	9.83	9.93	9.91	9.97	9.96	9.95	9.89	9.91	9.99	0.04	9.88	9.67	9.64	9.95	9.91	9.28	9.57	9.62	9.55	9.35	9.19	9.12	9.20	9.33	9.28	9.11	9.24	9.40	9.25	9.08	9.53	9.64
Very fine mor. some clouds afterwards. some rain at night.	N	9.137	9.44	9.58	9.83	9.93	9.91	9.97	9.96	9.95	9.89	9.91	9.99	0.04	9.88	9.67	9.64	9.95	9.91	9.28	9.57	9.62	9.55	9.35	9.19	9.12	9.20	9.33	9.28	9.11	9.24	9.40	9.25	9.08	9.53	9.64
Fine, but haze. Dark & wet night	N.W.	9.137	9.44	9.58	9.83	9.93	9.91	9.97	9.96	9.95	9.89	9.91	9.99	0.04	9.88	9.67	9.64	9.95	9.91	9.28	9.57	9.62	9.55	9.35	9.19	9.12	9.20	9.33	9.28	9.11	9.24	9.40	9.25	9.08	9.53	9.64
Blowing, but fine. some heavy showers w. hail. Lightning at night.	N.W.	9.137	9.44	9.58	9.83	9.93	9.91	9.97	9.96	9.95	9.89	9.91	9.99	0.04	9.88	9.67	9.64	9.95	9.91	9.28	9.57	9.62	9.55	9.35	9.19	9.12	9.20	9.33	9.28	9.11	9.24	9.40	9.25	9.08	9.53	9.64
Clouded & blowing, w. some rain.	N.W.	9.137	9.44	9.58	9.83	9.93	9.91	9.97	9.96	9.95	9.89	9.91	9.99	0.04	9.88	9.67	9.64	9.95	9.91	9.28	9.57	9.62	9.55	9.35	9.19	9.12	9.20	9.33	9.28	9.11	9.24	9.40	9.25	9.08	9.53	9.64
Smart gales of wind, & good deal of rain.	N.W.	9.137	9.44	9.58	9.83	9.93	9.91	9.97	9.96	9.95	9.89	9.91	9.99	0.04	9.88	9.67	9.64	9.95	9.91	9.28	9.57	9.62	9.55	9.35	9.19	9.12	9.20	9.33	9.28	9.11	9.24	9.40	9.25	9.08	9.53	9.64
showery.	N.W.	9.137	9.44	9.58	9.83	9.93	9.91	9.97	9.96	9.95	9.89	9.91	9.99	0.04	9.88	9.67	9.64	9.95	9.91	9.28	9.57	9.62	9.55	9.35	9.19	9.12	9.20	9.33	9.28	9.11	9.24	9.40	9.25	9.08	9.53	9.64
overcast & a good deal of rain w. smart wind.	N.W.	9.137	9.44	9.58	9.83	9.93	9.91	9.97	9.96	9.95	9.89	9.91	9.99	0.04	9.88	9.67	9.64	9.95	9.91	9.28	9.57	9.62	9.55	9.35	9.19	9.12	9.20	9.33	9.28	9.11	9.24	9.40	9.25	9.08	9.53	9.64
Stormy & showery	N.W.	9.137	9.44	9.58	9.83	9.93	9.91	9.97	9.96	9.95	9.89	9.91	9.99	0.04	9.88	9.67	9.64	9.95	9.91	9.28	9.57	9.62	9.55	9.35	9.19	9.12	9.20	9.33	9.28	9.11	9.24	9.40	9.25	9.08	9.53	9.64
clouded, but fine	N.W.	9.137	9.44	9.58	9.83	9.93	9.91	9.97	9.96	9.95	9.89	9.91	9.99	0.04	9.88	9.67	9.64	9.95	9.91	9.28	9.57	9.62	9.55	9.35	9.19	9.12	9.20	9.33	9.28	9.11	9.24	9.40	9.25	9.08	9.53	9.64
overcast, & a good deal of rain	N.W.	9.137	9.44	9.58	9.83	9.93	9.91	9.97	9.96	9.95	9.89	9.91	9.99	0.04	9.88	9.67	9.64	9.95	9.91	9.28	9.57	9.62	9.55	9.35	9.19	9.12	9.20	9.33	9.28	9.11	9.24	9.40	9.25	9.08	9.53	9.64

March 1819.

April 1879.

observations	WIND	Bar.	Ther. in	Ther. out	days
overcast, & some rain.	W. S. W	9.79	41	50	1
Fine, but overcast	W. S. W	9.86	47	47	2
Same as yesterday	W. S. W	9.82	47	46	3
Clouded, but fine — some clear — = m. in the eve. then clouded again.	W. S. W	9.93	47	44	4
Fine, but quite overcast.	W. S. W	9.80	45	45	5
Blowing, w. clouds & haze cleared at night	W. S. W	9.27	47	46	6
Some rain in the mor. Clouded day eve. & night.	S. W	9.49	47	48	7
Fine, & the clouds lighter.	W. S. W	9.83	47	47	8
Fine & pretty clear — clouded night.	W. S. W	9.80	47	45	9
Quite overcast, but fair. Some clearing late.	W. S. W	9.19	46	44	10
Clouds & showers	W. S. W	9.15	46	43	11
Same as yesterday	W. S. W	9.10	45	40	12
very wet constant rain	W. S. W	9.17	44	40	13
Fine, but some clouds	S. W	9.12	47	41	14
Fine, w. clouds. {Thunder & lightning near & frequent from 2 to 3 P.M. in the south.	W. S. W	9.11	47	44	15
Clouded & very wet.	W. S. W	8.97	43	41	16
Clouded, but some rain. very wet night.	W. S. W	8.97	45	42	17
Rain in the mor. Clouded day. wet afternoon & night.	W. S. W	9.27	43	43	18
Fine, w. clouds.	W. S. W	9.48	46	45	19
overcast	W. S. W	9.51	44	44	20
Same as yesterday — at clear eve.	W. S. W	9.56	44	43	21
Fine, w. a breeze.	W	9.70	43	44	22
Clouded, but fair.	W. S. W	9.58	43	42	23
A fine mor. then blowing & cloudy. at clear eve.	W. S. W	9.56	45	42	24
Fine, w. clouds & a breeze. at clear eve.	W. S. W	9.78	45	43	25
Fine & clear, but blowing.	W. S. W	9.93	46	40	26
Same as yesterday, but no frost. clouded eve. & night.	S. W	9.80	45	43	27
Blowing, w. some rain.	S. S. W	9.70	44	47	28
Blowing & hazy. Rain in the eve.	S	9.60	45	46	29
Showy, & mostly clouded	S. W	9.37	47	46	30

A very heavy hail shower accompanied with thunder & lightning this day.
 The thunder-cloud was evidently nearer; and one flash arose so near the
 observatory as to cause a very great undulation in the air, and the
 report followed in almost one second. About 30 peals of of heavy loud thunder
 with vivid lightning occurred in an hour, from one till two, past meridian.
 The direction of the cloud was from S.W. to N.E. and the preceding
 edge of the cloud seemed to hold the communication with the earth.
 The thunder & lightning was very great & near at Longhull, about
 the same time, but, I apprehend, from a different cloud. The
 cloud which passed over this place, became plus, before it got to
 Portadown. About 4 o'clock they had great thunder in Belfast. R.H.

May 1819.

Observations	WIND	Bar	Ther. in	Ther. out	Days
Mostly clouded, but fair, nearly	S. W	9.41	47	51	1
Fine, but hazy, lot wind	S. E	9.40	47	51	2
Clouded, & a good deal of rain	S. W	9.39	47	51	3
Clouded, w. some rain.	S. E	9.40	47	51	4
Fine, but hazy - clearer after noon. Clouded ev. &c	S. E	9.41	47	51	5
Blowing & hazy. met ev. & night.	S. E	9.40	47	51	6
Some rain in the mor. - Clouded & hazy	S. E	9.41	47	51	7
Fine, but hazy. - Some rain in the ev.	S. E	9.40	47	51	8
A good deal clouded, but some rain clearer in the ev. Hazy night.	S	9.41	47	51	9
Almost incessant rain from about 1 1/2 P.M. till 3 P.M. - clearing - strong S. W. overcast night.	S. W	9.40	47	51	10
Fine, w. clouds & a breeze. Some rain in the ev. Dark night.	S. E	9.41	47	51	11
Clouds, a breeze, & slight showers.	S. E	9.40	47	51	12
Fine, but clouded w. a breeze	S. E	9.41	47	51	13
Clear mor. early, then clouded, but fine.	S. E	9.40	47	51	14
Clouded & blowing.	S. E	9.41	47	51	15
Moderate, & pretty constant rain.	S. E	9.40	47	51	16
Blowing & clouded.	S. E	9.41	47	51	17
Heavy clouds, but mostly fair.	S. E	9.40	47	51	18
Same as yesterday	S. E	9.41	47	51	19
Fine, w. heavy clouds	S. E	9.40	47	51	20
Very wet for more than 20 hours. Stormy at night.	S. E	9.41	47	51	21
Fine, w. clouds & a breeze	S. E	9.40	47	51	22
Fine, w. clouds & a breeze.	S. E	9.41	47	51	23
Fine, w. clouds, light haze & a breeze.	S. E	9.40	47	51	24
Same as yesterday	S. E	9.41	47	51	25
Fine, & clear, mostly.	S. E	9.40	47	51	26
Blowing, w. clouds & haze	S. E	9.41	47	51	27
Solid ice this mor. Clouded, w. a breeze	S. E	9.40	47	51	28
Solid ice in the mor. Same as yesterday	S. E	9.41	47	51	29
overcast, but fine.	S. E	9.40	47	51	30
very wet from 3 P.M. to 7 1/2 P.M.	S. E	9.41	47	51	31

Observations

WIND Bar. Ther. in Ther. out days

Rain in the mor. Clouded & blowing - clearer in the eve Clouded night.	S. W. S. W	9.52	9.58	9.44	52	55	52	63	55	1
Showery, w. a breeze. Some thunder & lightning in the A.M. about 5.30.	S. W	9.58	9.63	9.58	52	53	52	59	53	2
Very wet. Fairer in the Afternoon. but Showery & Clouded	S. S. W	9.48	9.43	9.52	52	53	52	58	53	3
Fine, w. clouds & haze Some Showers in the eve	W. S. W	9.66	9.63	9.58	53	53	52	59	53	4
Fine, w. clouds & a breeze.	W. S. W	9.67	9.75	9.72	53	54	53	61	54	5
Blowing & over-cast. but eve & night.	S. S. E	9.35	9.48	9.55	54	54	55	59	55	6
Showery & over-cast. Clear late.	W. S. W	9.25	9.07	9.20	52	53	47	58	55	7
Fine, but hazy - some Showers - Clouded night	N. E	9.30	9.32	9.30	52	52	50	62	50	8
very wet till 2 P.M. - Showy eve & wet night. Distant thunder in the eve	W. S. W	9.19	9.14	9.20	50	52	50	55	50	9
Fine, w. clouds & a breeze. Distant thunder in the west about 7 P.M. A heavy shower. Clear eve	W. S. W	9.45	9.38	9.31	52	53	50	58	51	10
Clouds & slight Showers. wet in the eve & clearer at night.	W. S. W	9.65	9.69	9.62	52	52	48	59	51	11
Fine mor. early - Clouded days eve & c.	W. S. W	9.77	9.83	9.70	51	48	50	61	44	12
Fine at sunrise - Clouded & wet mor. Day & eve	S. S. W	9.50	9.55	9.62	49	50	47	56	48	13
very wet. Fair eve & night.	S. W	9.40	9.42	9.45	48	48	48	55	47	14
Clouded mor. Slight Showers.	W. S. W	9.72	9.60	9.54	50	49	49	57	49	15
overcast, w. a breeze	N. W	9.94	9.90	9.84	50	50	50	58	50	16
White clouds in the mor. wool-packs thro' the day. Clouded clear night	N. W S. E	0.02	0.04	0.00	55	54	54	63	52	17
Fine mor. wool-packs thro' the day. Clouded eve. Clear late.	W. W	0.04	0.09	0.01	56	54	52	66	58	18
Fine mor. w. clouds. Clouded day Slight rain in the eve	W	0.00	0.07	0.08	57	54	55	63	55	19
Fine, w. clouds	N. W	0.01	0.02	0.02	56	57	54	62	56	20
overcast, w. some mizzle.	N. W	9.96	9.98	9.98	54	56	52	60	52	21
Fine, but Clouded, w. a breeze	S. W	9.87	9.90	9.92	54	55	52	61	53	22
Clouded blowing, - wet in the eve & night	N. E	9.60	9.67	9.70	54	55	52	60	52	23
Blowing, w. clouds	W. S. W	9.38	9.40	9.48	55	54	53	63	53	24
Showy - clearer in the eve.	S. W	9.30	9.33	9.35	54	55	55	62	54	25
Showy. Distant thunder in the eve towards the N. E	W. N. W	9.22	9.23	9.26	52	56	52	59	52	26
Showy & Clouded.	S. W W. N. W	9.42	9.37	9.30	54	53	54	59	53	27
Flying clouds	W. N. W	9.58	9.50	9.47	54	54	52	60	53	28
overcast & wet.	S. W	9.57	9.52	9.57	53	56	53	58	52	29
A breeze; mostly Clouded, but fair. Slight Showers in the afternoon	W. N. W	9.57	9.50	9.50	54	57	54	64	55	30

June 1819.

Observations

WIND Bar.

Ther. in Ther. out day

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Showery & mostly clouded w. a breeze.	overcast, w. some rain.	clouds, but fair mostly. — pretty clear night	Showery	Fair, but clouded. Clear at night	Fine, w. white clouds. Clear at night.	overcast, w. a breeze. — rain at night. very wet.	Showery & overcast	Fine, w. clouds & a breeze	Same as yesterday — some rain in the eve.	rain in the eve. Fine clear day. overcast night.	Some rain early — clouded & blowing day. Clouded night.	overcast, but fine.	Fine w. clouds & a breeze	Fine, but overcast	Some rain in the eve. Clouded.	Fine, but clouded	Blowing & hot in the eve. & fair in the day. — fair eve. but clouded	Fair, w. clouds, haze & a breeze	Blowing, & flying clouds — clear night.	Fine, but clouded.	Same as yesterday	Mostly clouded, & some slight shower.	clouded, but fair	overcast, w. some slight showers	overcast, but fine — clear night.	Fine, w. clouds. Clear night.	Fine, w. clouds. Clear night	Haze & a breeze	Fine, w. a breeze	very fine, w. a breeze	Thunder & lightning in the west after midnight.
W. W. W.	Calmer	W	S. W	S. W	W. W. W.	W. W. W.	W	W. W	W. W	W. W	W. W. W.	W. W. W.	W. W	W. W	W. W. W.	W. W	S. W	W. W. W.	W. W	W. W. W.	W. W. W.	S. W	S. W	S. W	W. W. W.	W. W. W.	W. W	W. W	W. W	W. W	
9.57	9.45	9.34	9.47	9.58	9.75	9.86	9.77	9.86	9.90	9.90	9.00	0.00	0.04	9.97	9.90	9.87	9.88	9.37	9.17	9.34	9.57	9.76	9.83	9.81	9.86	9.92	0.01	0.08	0.03	0.01	9.96
9.62	9.42	9.32	9.40	9.63	9.80	9.90	9.72	9.92	9.89	9.90	0.03	0.04	9.96	9.90	9.86	9.80	9.30	9.14	9.40	9.62	9.83	9.80	9.82	9.85	9.95	0.03	0.10	0.03	0.00	9.96	
9.57	9.38	9.46	9.50	9.69	9.82	9.85	9.77	9.90	9.91	9.93	0.03	9.98	9.90	9.88	9.85	9.62	9.25	9.22	9.40	9.68	9.88	9.80	9.84	9.87	9.97	0.04	0.03	0.02	9.97	9.90	

July 1819.

August 1819.

Observations	WIND	Bar.	Ther. in	Ther. out	days
Fine, but a slight breeze.	N.E.	9.85	69	74	1
Thunder & lightning in the mor. rains, about 8. A.M. pretty clearing	N.E.	9.87	69	74	2
Fine, but clouded.	N.W.	9.85	65	70	3
Same as yesterday	N.W.	9.82	64	68	4
Haze & a breeze.	W.S.W.	9.83	64	67	5
Clouded, but mostly fine.	N.W.	9.80	64	66	6
Clouded, but fine.	W.S.W.	9.78	62	64	7
Same as yesterday, — distant thunder in the ev'g — fine night.	N.W.	9.76	62	64	8
Fine, but some clouds.	N.W.	9.80	65	67	9
Fine, but clouds & a breeze	S.W.	9.87	66	69	10
Showery — clouded ev'g & night.	S.W.	9.85	64	66	11
Blowing & mizzlings	S.W.	9.70	61	64	12
Fine, but clouded.	W.S.W.	9.48	61	65	13
Same as yesterday	N.W.	9.70	62	64	14
A good deal clouded, but very fine.	N.W.	9.82	62	61	15
Very fine overcast weather. Clear at night.	W.S.W.	9.95	63	65	16
Fine, but some clouds. Clear night.	W.S.W.	9.99	64	68	17
Fine, but a breeze.	S.E.	0.13	67	71	18
Same as yesterday.	S.E.	0.14	67	71	19
Fine, but some clouds & haze	variable	0.07	67	71	20
A smart breeze & some clouds	S.	0.05	66	69	21
Same as yesterday	S.E.	0.02	65	65	22
Fine. — Clouded ev'g clear later.	S.	0.01	64	65	23
Fine, but a breeze — clouded ev'g & night.	N.	0.00	65	64	24
A good deal clouded, but a breeze	N.	9.97	62	63	25
overcast, but fine.	N.W.	9.98	60	60	26
Same as yesterday	W.S.W.	9.96	60	61	27
Clouded — Rain in the afternoon	W.S.W.	9.80	60	60	28
Thunder & lightning in the after noon — (not very near) in the ev'g (very wet)	S.W.	9.66	60	61	29
constant heavy rain from 5 A.M. nearly incessant, during 15 hours.	N.W.	8.90	57	59	30
High winds & showers. Some clearness at night.	W.S.W.	9.12	52	56	31

- This ev.ⁿ from 6 to 8, a very extraordinary shower occurred, accompanied by thunder, & very vivid lightning (about 20 peals). The cloud moved from the South, Eastward. P.H.

This evening (Aug. 2^d) two very dreadful accidents occurred by the lightnings.

The house of Arthur Gallbraith Esq.^r at Lismally, near Omagh, was struck. — Many of the family stupified; he himself killed in ~~his~~ ^{of the} ~~one~~ room, and a dog in the kitchen.

M^r. Andrew Irvine, who resided near Brookborough (County Fermanagh) was returning from Monaghan, over the mountain; when he, & the horse he rode, were killed upon the spot. His son, who rode a few yards before him, received no ^{great} injury.

It is probable that the same cloud produced both these effects, and appeared at Armagh about an hour after it was at Omagh, having made a deflection to the Southward, in the County of Monaghan. The direct distance from Omagh to Armagh is about 25 Irish miles; so that the cloud (if the same) moved about a geographical mile in two minutes of time. P.H.

September 1819.

Observations	WIND	Bar.	Ther. in	Ther. out	Days
Blowing, w. clouds & slight shower & w.		9.25 9.40	52	53	1
Fine, w. clouds & a breeze. wet at night.	W	9.32 9.42	52	53	2
wet mor. — Clear at night.	W. S. W	9.35 9.49	52 54 54 1/2	50 52	3
A very smart gale, w. slight rain. wet even.	S. W	9.32 9.23	56 60	54 64	4
Blowing & showery	W. N. W	9.47 9.42	56 59 1/2	53 62	5
Fine, w. a smart breeze.	W	9.62 9.68	56 59	53 59	6
overcast, but fair. — Rain in the eve. & night.	S. W	9.61 9.60	57 60 1/2	54 63	7
Clouded & blowing — Heavy rain, earlier clear night.	S. W N. W	9.70 9.74	60 62	57 65	8
Showery & Clouded — A good deal of rain.	W. S. W	9.75 9.76	61 61	56 63	9
Fine, w. some clouds	N. N. W	9.90 9.94	56 60 1/2	53 59	10
very dark mor. Fine day. Hazy at night	N. N. W	0.05 0.02	55 1/2 60 +	50 1/2 60	11
Fine, w. some clouds.	S. W	0.05 0.01	57 1/2 61	53 62	12
overcast, w. a breeze	W	0.01 0.02	57 60	54 64	13
overcast mor. & dry — Clear at night.	W. S. W	9.97 9.98	59 61	58 64	14
Clouds & a breeze.	N. W	9.98 9.78	58 60 1/2	53 62	15
Showery & blowing	N. W	9.82 9.80	58 59 1/2	50 60	16
Thick rain & a breeze. Clouded & blowing	W	9.86 9.87	55 57	48 59	17
overcast, w. a breeze.	W. S. W N. W	9.80 9.84	53 57	48 62	18
Same as yesterday	N. N. W	0.13 0.10	54 56	49 58	19
Fine, w. light clouds.	N. N. W	0.29 0.23	53 56	42 60	20
Fine & clear.	N. N. W	0.24 0.26	52 57	43 62	21
Fine, w. some clouds	N. W S. W	0.10 0.20	53 57	44 54 1/2	22
Same as yesterday	S. W S. E	9.78 9.91	54 58	45 54	23
Fine, but overcast	S	9.47 9.55	54 57	48 57	24
Some rain. Mostly fine. Rain at night, & some lightning.	W. N. W	9.20 9.20	53 56	50 60	25
Fine, w. a good deal of clouds	W. S. W	9.17 9.18	53 57	49 58	26
Fine, w. a breeze, & clear. P. Small showers in the eve.	W. S. W	9.16 9.16	51 56 1/2	45 55	27
Blowing, w. some clouds.	W. S. W	9.10 9.10	52 56	50 55	28
Same as yesterday — Rain at night.	W. S. W	9.17 9.16	54 57	50 64	29
Blowing & hazy — Rain at night.	S. S. W	9.17 9.16	56 60 1/2	54 55	30

October 1819.

Observations	WIND	Bar.	Ther. in	Ther. out	Days
Met Mor. Blowing day, wt. clouds. — Clearer at night.	S.W	9.26	57 1/2	55	1
Rain early. Clouds all day. A good deal of distant thunder in the S.E. Heavy rain. — Clearer at night.	S.W	9.27	56	52	2
Clouded — Showy — and some distant thunder in the east.	S.W	9.37	55	52	3
Distant thunder in the S.E. in the mor. Clouds, showers & a breeze. Clearer at night.	N.W	9.74	50	41	4
Mosly clouded, but fine.	N.W	9.88	49	44	5
Clouded, & some rain	N.W.S.W	9.66	50	46	6
Same as yesterday	W.S.W	9.57	52	48	7
Fair, but clouded — Blowing & some rain at night	W.S.W	9.40	60	54	8
Morning — wt. a good deal of rain	S.E	9.13	55	55	9
A good deal of rain — heavy showers.	S.E	9.25	55	54	10
Fair, but clouded	S.E	9.50	54	53	11
Much overcast. very heavy rain at night.	S.E	9.62	54	52	12
overcast, wt. slight showers.	S.E.W	9.83	52	50	13
Fine, but overcast, mostly.	N.W	9.97	52	50	14
Same as yesterday	W.W.W	0.12	54	48	15
Fine gray weather	N.W.S.E	0.19	53	46	16
Same as yesterday	S.W	0.07	52	44	17
Clouded, but mostly fair.	N.W	9.96	46	43	18
overcast, & a good deal of rains.	S.W	9.62	46	43	19
Blowing, & some showers.	W.W.W	9.58	44	37	20
A considerable fall of snow, sleet & rain. Clouded night.	W.W.W	9.33	42	36	21
Clouds & a breeze. — Clear at night.	N.W	9.33	42	40	22
Same as yesterday	N.W.S.E	9.23	44	40	23
Fine, wt. a breeze.	N.W.S.E	9.36	42	37	24
Fine, wt. a breeze & some clouds.	N	9.48	39	32	25
Same as yesterday.	N.W.S.E	9.50	38	32	26
Fine, wt. clouds & a breeze.	N.E	9.70	39	32	27
Much overcast. Clearer at night.	N.E	9.60	39	32	28
Bretty clear, & blowing. Clear at night.	N.E	9.60	40	38	29
Same as yesterday — Clear night.	N.W.S.E	9.80	39	33	30
Same as yesterday	N.W.S.E	9.77	40	36	31

This afternoon a boy (called Fox) aged about 12, was killed by
the lightning at Ballymoney, near Banbridge.

Observations

WIND

Bar.

Ther. in

Ther. out days

Clouded Mostly. - Clear late	W	9.72	9.59	9.65	9.53	9.20	8.90	9.15	9.56	9.44	9.33	9.73	9.83	9.81	9.65	9.55	9.46	9.67	9.91	9.63	9.17	9.20	9.38	9.57	9.80	9.59	9.63	9.86	9.75	9.62	9.60	9.55	9.28	9.07
Fine mor. then clouds & a shower at noon. - some showers - clear late.	W. W	9.69	9.58	9.67	9.50	9.15	8.80	9.20	9.62	9.35	9.31	9.80	9.83	9.80	9.60	9.52	9.43	9.70	9.95	9.55	9.07	9.25	9.45	9.62	9.07	9.70	9.60	9.70	9.47	9.22	8.98			
overcast, but fair. Rain at night.	W. S. W	9.60	9.60	9.60	9.38	9.06	8.91	9.32	9.60	9.37	9.47	9.01	9.82	9.74	9.50	9.50	9.50	9.84	9.83	9.40	9.12	9.32	9.50	9.63	9.86	9.66	9.63	9.68	9.40	9.28	8.90			
Mostly wet, & very clouded	W. S. W																																	
Blowing & showery	W. W																																	
Same as yesterday - very wet at night, and towards the mor.	W. S. W																																	
Squally, w. showers.	W. W. W																																	
Showery & clouded.	W. W																																	
Blowing & clouded	W. W. W																																	
Same as yesterday	W. W. W																																	
Fine, w. some clouds.	W. W. W																																	
Fine overcast weather	W. W. W																																	
Same as yesterday	W																																	
very overcast, w. some rain	W. W. W																																	
Same as yesterday	W. W. W																																	
Clouds & showers.	W																																	
Clouded, but fair.	W																																	
Fine, w. some clouds. Misty at night.	W																																	
very wet, & some snow.	W. W																																	
Heavy showers.	W. W																																	
Squalls, w. sleet. Snow on the mountains.	W. W																																	
Fine, w. some clouds. Some snow & sleet in the ev.	W. W																																	
Lying snow - pretty clear - Fine night - shooting stars.	W. W. W																																	
Fine, w. light clouds. - Clear night	W. W																																	
A great deal of rain - misty & clouded even & night.	W. W. W																																	
Fine & clear.	W. W. W																																	
Fine, w. some clouds. Clear night.	W. W. W																																	
Clouded mor. Continued wet after noon. Heavy rain at night. Clearer late.	W. W. W																																	
Fine, w. some clouds, & very damp. Clear afternoon. haze at night.	W. W																																	
Blowing & considerably wet.	W. W																																	

November. 1819.

26th 18th.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

This night, late, there was storm, w. distant thunder & lightnings.

December 1819.

Observations	WIND	Bar.	Ther. in	Ther. out	Days
Blowing & hazy.	S.W.	9.26	41	42	1
Fine, w. a breeze & some clouds	W.S.W.	9.32	41	42	2
Hazy later. Much rain, before day light.	S.W.	9.50	42	42	3
Fine & clear. — Clouded evn.	W.S.W.	9.56	42	42	4
very wet & stormy night.	W.S.W.	9.56	42	42	5
Clouded & blowing.	W.S.W.	9.56	42	42	6
Fine, w. some clouds	W.S.W.	9.56	42	42	7
Rain in the mor. — overcast.	W.S.W.	9.56	42	42	8
Very overcast, w. some rain	W.S.W.	9.56	42	42	9
Blowing & clouded	W.S.W.	9.56	42	42	10
Clouded, but fair	W.S.W.	9.56	42	42	11
Lying snow in the mor. — Inclining to thaw. Damp & misty.	Calom	9.56	42	42	12
Misty & overcast	Calom	9.56	42	42	13
Mostly clouded, w. some light showers.	W.S.W.	9.56	42	42	14
Same as yesterday	W.S.W.	9.56	42	42	15
A considerable fall of snow	W.S.W.	9.56	42	42	16
Some showers of sleet. — Clouded.	W.S.W.	9.56	42	42	17
Very stormy & wet night.	W.S.W.	9.56	42	42	18
Remarkably stormy mor. — Heavy rain: — great floods. — Heavy showers at night.	S.W.	9.56	42	42	19
Clouded, w. a short breeze. — very damp. Some clearness at night.	S.S.W.	9.56	42	42	20
Mostly wet & blowing.	S.S.W.	9.56	42	42	21
Clouded & blowing	S.S.W.	9.56	42	42	22
Very overcast. — Heavy rain at night.	S.S.W.	9.56	42	42	23
overcast. wet night	S.S.W.	9.56	42	42	24
Same as yesterday	S.S.W.	9.56	42	42	25
Fine, w. haze & some clouds	W.S.W.	9.56	42	42	26
Clear evn. & night. partly clouded & hazy.	W.S.W.	9.56	42	42	27
snow in the mor. — clear evn.	W.S.W.	9.56	42	42	28
Lying snow — A good deal clouded.	W.S.W.	9.56	42	42	29
Very overcast. Lying snow. A fall of snow at night.	W.S.W.	9.56	42	42	30
overcast mor. clearer after noon.	W.S.W.	9.56	42	42	31
More snow. Fine & mostly clear.	W.S.W.	9.56	42	42	32
Some sleet & clouded about noon.	Calom	9.56	42	42	33
Clearer afterwards — Hazy night late	Calom	9.56	42	42	34
Rain & snow. Clearer late.	S.S.W.	9.56	42	42	35
Clouds & lying snow. Clear at night.	W.S.W.	9.56	42	42	36