

M117.1 (15) .

THE OBSERVATORY
ARMAGH.

July 1811

to

December 1812.

Observations

Observations	WIND	Bar.	Ther. in	Ther. out	day
Fine, w. some clouds	N.E.	0.10	35	35	1
overcast threatening snow - sleet - snow in the eve	E	0.02	36	33	2
post & sharp snow	E. S.E.	0.19	34	32	3
great fall of snow	N.N.E.	0.10	33	31	4
very deep & heavy snow continued snow & wind drifting it. High wind & dark sky	N.E.	0.10	32	28	5
overcast moderate snow sleet then -	E. S.E.	0.10	32	32	6
overcast & snow lying. Dark & windy at night	E	0.10	32	34	7
overcast calm frost so all day & night -	N.E.	0.10	32	31	8
overcast calm frost at night heavy wind	S.E.	0.10	33	31	9
Heavy gale from continued gale rain damp overcast & foggy calm	S.E.	0.10	39	40	10
fair more sunshine at night wind rising -	S.W.	0.10	36	35	11
Wet & stormy more hazy & blowing day. At night heavy gale & rain	S.S.W.	0.10	38	36	12
Breezy but all night - fine day cold breeze	W.S.W.	0.10	38	36	13
fair calm more, sky thick & hazy cold wind - & damp	S.S.W.	0.10	38	34	14
heavy gale with snow & sleet all day & evening -	S.W.	0.10	36	35	15
more. Thunder in the S. about 2 in the eve on the ground at night gale with sleet	S.W.	0.10	36	35	16
Heavy gale rain & thaw - fair evening	S.W.	0.10	42	41	17
snow on the ground snow showers -	W.S.	0.10	36	33	18
fine morning then overcast & thaw at night blowing hard -	W.S.W.	0.10	37	36	19
Gale of wind & rain - heavy gale & rain in the evening	S	0.10	42	44	20
Clear -	W.S.W.	0.10	38	35	21
blowing fresh fine day air wet & windy	S.W.	0.10	44	39	22
Clear. day & night serene	W.S.W.	0.10	40	33	23
Clear more & day light overcast	W.S.W.	0.10	38	32	24
Wet fog & calm all day & night	calm	0.10	37	37	25
overcast more fair, blowing fresh at night	N.W.	0.10	42	44	26
fair more & in afternoon heavy snow & foggy	N.W.	0.10	35	32	27
Clear from 9 P.M. thaw on the ground. 12.	E	0.10	31	20	28
Clear from heavy overcast calm	W	0.10	30	19	29
Heavy snow & hazy overcast calm	N.E.	0.10	31	22	30
Heavy snow flying in. cold snow	E.S.E.	0.10	31	31	31

January 1811.

February 1811.

Observations.				Therm. in.	Therm. out.	Wind.																								
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	1
33	25	35	35	41	45	40	45	35	46	45	40	31	38	37	36	36	46	42	42	40	42	41	39	39	30	46	40	40	43	36
35	36	40	40	42	40	43	42	43	52	50	46	40	42	44	40	38	49	47	47	47	43	46	46	42	50	48	48	52		
32	37	27	40	40	40	46	40	35	42	46	33	34	33	37	35	36	46	44	44	44	40	41	41	41	40	45	41	41		
32	30	32	32	30	40	40	42	40	42	43	43	38	38	37	36	36	42	41	40	40	41	39	39	38	48	40	40	43	39	
32	30	33	35	38	42	42	42	44	46	46	46	39	40	39	39	36	42	42	42	42	42	42	42	42	43	45	44	45		
32	32	32	38	38	42	40	40	40	44	44	44	38	36	38	36	36	42	42	42	42	42	40	40	41	44	42	42	42		
0.5	9.2	8.0	9.4	9.4	9.5	8.89	8.8	9.3	9.2	8.8	8.75	8.8	9.2	9.2	9.5	9.66	9.45	9.52	9.4	9.0	8.4	8.8	8.7	8.7	8.82	8.6	8.9	9.1	9.3	
0.5	9.2	9.02	9.43	9.35	9.0	9.00	9.00	9.40	9.2	8.8	8.8	9.82	9.28	9.10	9.74	9.6	9.5	9.50	9.35	8.8	8.42	8.79	8.72	8.90	8.52	9.04	9.0			
0.9	9.0	9.4	9.4	9.05	8.9	9.12	9.2	9.5	9.12	8.9	9.0	9.8	9.4	9.0	9.83	9.5	9.62	9.5	9.2	8.8	8.6	8.7	8.8	8.8	8.88	9.2	9.1			
Becoming very hard in the night slept thru																														
Clear frost then overcast sky afternoon thaw at night Rain																														
Cold then a little overcast then. Clear night.																														
Cold then began brisk wind																														
Quick then brisk breeze - at night blowing hard - hazy overcast sky.																														
Rain & wind in the night then overcast																														
overcast hazy & damp																														
Constant heavy rain then cleared up fine day overcast night.																														
Very fine morning light frost																														
Blowing & wet. warm damp day & even.																														
overcast damp morning after rain																														
damp overcast day - cleared up with heavy shower wind changed to -																														
large fall of snow calm																														
fine morning & fair day & even partly																														
overcast morning then small rain																														
fine day day frost last night																														
Heavy snow & shut high wind, heavy Gale all the afternoon & evening																														
damp overcast morning blowing fresh																														
overcast wet & hazy - no rain in the day																														
overcast & damp day some rain																														
overcast damp & blowing then heavy rain rain all night																														
Constant heavy rain all night & morning clouded up in the evening																														
fine clear morning then overcast & rain wet evening																														
fine morning then overcast but no rain																														
clear frost fine day afternoon hazy & frost set in a breeze of wind.																														
Heavy Gale & heavy rain all night blowing hard at night																														
Heavy Gale & violent rain all night & morning																														
Blowing & light clouds																														

March 1811.

Observations	WIND	Bar.	Ther. in	Ther. out	days
Clouds & rain, overcast evening morning rain	SSW	9.4	43	42	1
Blewing damp & overcast afternoon Heavy Gale & rain	W	9.3	46	48	2
Heavy Gale & Exception rain - then hard wind & some light showers	W & W	9.4	44	45	3
Blewing more fine day & light breeze overcast weather	W	9.5	46	49	4
overcast more then heavy rain all day Even. Turbulent night	S	8.8	45	45	5
Bright more & fine day, at night heavy rain	W. S. W	9.10	43	44	6
wet & overcast sky - fair cold day	S & E	8.9	42	45	7
dry sky & fair. fine day & clear	S. E	9.7	40	42	8
dry but cold & overcast. then wind & small rain heavy with rain. & Eve	S	9.9	42	47	9
overcast more calm heavy rain day light	SW	0.1	46	48	10
fine grey morning calm so all day & damp calm & warm mist	W	0.2	46	47	11
Heavy overcast over calm	W. S. W	0.2	46	47	12
fine heavy more fine day & light night	S. E	0.14	46	48	13
Bright more calm	S. E	0.1	45	48	14
Bright more calm	S. E	0.07	46	48	15
Bright more calm overcast light	NNE	9.9	45	46	16
overcast more fine day calm	SW	9.8	46	48	17
heavy sky & breeze. then rain, after noon clear	S. W	9.8	46	48	18
Fine, but some haze, at night rain	W	9.7	45	47	19
Heavy rain wind all night & more Heavy wet day heavy rain at night calm	SW ENE	9.6	45	46	20
Fine, but some clouds & haze	S. E	9.83	45	48	21
Bright more - light clear in the day	N. W	0.2	47	47	22
Bright more & day & afternoon	SE	0.18	46	48	23
Bright more & fine sharp day	SE	9.9	46	47	24
Bright calm more, light breeze all day.	SE	9.75	46	47	25
Bright calm more, dry fine warm day light breeze, & calm evening	SW	9.9	50	45	26
bright & calm sunshine - all day & Evening bright & some light	S. W	0.2	52	46	27
overcast grey sky calm.	E	0.32	50	49	28
Calm overcast & Fog. cleared at noon fine bright warm day.	N	0.22	51	46	29
overcast & wet fog calm fine day heavy sky	NNE	0.0	50	49	30
overcast sky threatening rain calm all more warm & bright.	SE	9.01	51	46	31

♀ April 1871.

Observations	WIND	Bar.	Ther. in			Ther. out			days
Overcast & light haze Calm & variable.	S E W.N.W.	9.63	9.7	9.75	46	47	45	45	1
overcast & light rain hazy & damp.	S.W.	9.57	9.50	9.5	46	45	49	44	2
Fine morning - Clouded day	W	9.8	9.72	9.7	49	46	48	48	3
Calm - w. some clouds	S	9.9	9.90	9.9	50	48	47	47	4
Bright morning light clouds this am all day & overcast even.	S.W.	9.8	9.83	9.88	53	46	47	47	5
overcast sky calm. afternoon cold wind & shower all day heavy dark clouds & rain	W.S. N.W.	9.4	9.5	9.55	46	40	47	47	6
clear fresh dark but hills covered with snow showers. snow clouds.	N.W.	9.3	9.39	9.38	40	38	30	30	7
hard wind fresh cold day snow showers	S.W.	9.37	9.37	9.3	40	36	28	28	8
Bright more snow clouds & a little rain & showers.	W N.W.	9.5	9.44	9.4	42	38	34	34	9
overcast sky cold air. afternoon bright & fine night	S.W. S.	9.7	9.52	9.5	40	39	35	35	10
Bright calm more afternoon hazy & overcast windy at night	W. S. S.	9.7	9.84	9.8	42	40	35	35	11
High wind & rain blowing wet day mostly	SSE	9.4	9.45	9.5	46	42	42	42	12
overcast 10 ft & hazy calm fresh breeze overcast & damp all evening.	SW	9.66	9.66	9.6	52	48	52	52	13
overcast more rain in the night breeze. some heavy showers & fine day	WSW	9.8	9.75	9.7	52	52	54	54	14
overcast calm & hazy. in the evening soft rain.	W. S. W.	9.6	9.78	9.8	54	52	54	54	15
hazy sky rain in the night fresh & then of hail then fine after noon	W	9.5	9.40	9.4	50	52	54	54	16
overcast day hazy & threatening rain	SSE	9.2	9.3	9.42	48	47	47	47	17
heavy rain after a heavy wind. after noon at 6 ft. wind changed to W.	SE	9.84	8.82	8.8	46	47	47	47	18
fine bright more brisk breeze after heavy rain	SE	8.7	8.88	8.9	48	45	47	47	19
Heavy rain in the night. showers all day bright at night	S	8.93	8.72	8.65	46	47	48	48	20
bet morning after rain in the night threatening rain light wind & heavy rain till 6 ft. with some intervals.	SE	9.2	8.95	8.85	47	48	49	49	21
few more clouds & sun seen at night some rain	SSE	9.3	9.34	9.3	52	47	51	51	22
Rain in the night past. overcast wet sky.	S.S. S.	9.45	9.40	9.3	54	52	59	59	23
Fine bright more than light clouds. hazy in at night soft rain.	NNE	9.58	9.58	9.5	56	54	56	56	24
bet more & windy variable showers & fine even at night soft rain.	SE (S.S.)	9.47	9.5	9.5	54	54	55	55	25
Hazy the same all day & cloudy then threatening rain heavy dew calm	S.S.	9.5	9.53	9.52	54	53	59	54	26
fine grey sky & calm mostly overcast much distant thunder, in the eve, in the East.	ENE	9.35	9.4	9.4	54	52	51	51	27
fine soft more after rain at night - rain. wind before noon heavy rain -	SE	9.12	9.2	9.3	51	52	52	52	28
over heavy rain in the night light bet more showery wet day & even -	NNE	9.35	9.2	9.12	50	49	44	44	29
fair morning heavy clouds. cold afternoon at night windy & rain	S	9.3	9.46	9.5	48	49	48	48	30

May 1811.

Observations	WIND	Bar.	Ther. in			Ther. out			Days
fair morn cloudy rain & high wind heavy rain all the day	SE SSE	9.0	9.1	9.2	54	52	54	52	1
overcast more cold wind but fair day	WGS	9.5	9.55	9.2	51	52	51	51	2
overcast calm morn. then wind & haze & small rain. afternoon heavy rain	SW	9.3	9.42	9.51	52	52	54	53	3
fine morn morn	SW	9.5	9.51	9.5	55	54	56	54	4
Heavy rain all night & morn. about noon ceasing to rain cold & clear day	ENE ENE	9.7	9.5	9.3	50	52	44	48	5
Hazy overcast & blowing. Muching rain at noon afternoon heavy constant Rain	SE	9.5	9.6	9.71	48	48	46	44	6
overcast more after rain the same day thunder high wind & short rain	SE	9.6	9.60	9.5	46	48	43	45	7
blowing overcast & thunders? Rain all day with wind - thunders rain	SE	9.2	9.30	9.4	46	46	45	45	8
fair morn light clouds afternoon rain wind variable from SE to SW	SW SE	9.22	9.21	9.21	52	47	49	52	9
overcast more & showery wet day after noon; evening cold & fair overcast day	SSE	9.22	9.22	9.22	50	50	49	53	10
blowing overcast & fair	S	9.38	9.38	9.4	51	51	50	50	11
overcast more fair then constant rain till 7 P.M.	SSW SE	9.3	9.34	9.38	52	50	53	54	12
overcast more after rain. at noon heavy continued Rain till evening	NE ENE	9.2	9.25	9.34	52	52	52	55	13
Thunder in the morn. distant off in the A.M. Extreme heavy rain fair after noon & evening -	NE	9.2	9.13	9.12	55	54	60	52	14
overcast morn. before noon bright sun fine afternoon & overcast night	S	9.5	9.4	9.37	55	53	54	56	15
fine morn fine day & bright evening	SE	9.7	9.62	9.57	60	55	60	62	16
warm bright morn bright calm day.	SE	9.7	9.73	9.57	60	56	60	62	17
fine morn hazy stay & sun shine after noon heavy clouds and changed all the rain	SE NNW	9.83	9.70	9.7	65	60	49	59	18
Bright morn fresh breeze bright day	NW	9.03	9.03	9.0	59	55	49	50	19
Bright morn hazy stay the overcast do wind a weather full	NE	9.8	9.9	9.0	60	54	54	50	20
Bright morn after noon a shower	ENE	9.57	9.6	9.66	63	55	60	53	21
overcast morn hazy day & in the even afternoon overcast stay.	SE	9.32	9.42	9.4	61	58	55	54	22
flung clouds from SW had shower thunder clouds fine light	SE	9.52	9.5	9.4	59	62	60	55	23
Rain & wind - thunder in the A.M. cloud up in the day	SW	9.42	9.33	9.3	56	53	54	50	24
fair morn fresh breeze light shower at noon	SSW	9.55	9.6	9.5	56	55	54	52	25
Rain in the night blowing overcast morn windy day & rain in the evening	SW	9.7	9.6	9.57	60	55	56	50	26
bright sun & serene stay then hazy & light clouds	SE	9.63	9.75	9.72	65	55	61	60	27
very heavy constant rain all forenoon constant rain all the evening	E	9.1	9.2	9.3	56	58	54	53	28
overcast more fine dark day & dram evening	N	9.52	9.4	9.3	56	53	56	53	29
overcast more morn then rain - clear up in the evening	SE	9.5	9.6	9.7	56	57	57	55	30
overcast wet morn, following	SE	9.1	9.20	9.2	57	54	55	54	31

June 1811.

Observations	WIND	Bar.	Ther. in	Ther. out	Days
over-cast Breeze - after noon - heavy showers.	S.W	9.20	58	55	1
Fair fore noon - distant thunder to the E. Showery in the after-noon.	S.W	9.20	59	55	2
Blowing fresh, with clouds & haze some heavy showers & overcast	W.S	9.4	60	53	3
Blowing with rain same as forenoon afternoon clear rain & wind high	SW	9.0	57	55	4
overcast showy clouds blowing fresh some showers afternoon	SW	9.3	59	55	5
overcast showy clouds slight showers. then heavy showers wind afternoon	S.W	9.33	56	55	6
fair more flying clouds - afternoon haze wind came with watery clouds from SE	W	9.6	62	56	7
hazy cloudy day blowing fresh, high wind.	S.E	9.23	60	59	8
Blowing more brisk & fair. High wind all evening slight shower.	S.W.W	9.6	60	55	9
very blowing & hazy, with some rain	S.W	9.55	55	55	10
Blowing with clouds flying. showers all day & evening	W	9.52	55	54	11
overcast with more cloud up & mostly fair with slight showers.	W.W.N	9.7	55	54	12
fresh breeze sun & clouds - fine day evening threatening rain wind SW	W	9.62	56	54	13
Blowing hard with misty rain heavy rain all the forenoon	S	9.3	54	54	14
Clouds & sun fresh breeze. after showers then fair evening	W.S	9.7	56	54	15
bright clouds - hazy & some showers.	S.S.W	9.8	56	55	16
fine more calm, fine day & evening	N.E.	0.2	59	54	17
Bright sun serene & calm, fine day & even pleasant breeze	W.W.W	0.06	61	56	18
calm overcast more hazy day all day & evening	W.W.W	9.9	60	58	19
bright & fresh breeze	N.W	9.74	54	56	20
overcast & wind. so all day fine calm	N.W	9.83	55	53	21
fresh breeze & bright more bright day pleasant breeze	N.W.W	9.9	56	54	22
Bright more & day till 4 P.M. then haze & some drops from fine evening	N	9.93	60	55	23
overcast with morning cloudy day heavy rain afternoon	E	9.7	55	53	24
overcast with morning & day after noon cleared hazy E. but fair	Calam	9.7	59	50	25
Bright calm more fine day Hot Sun	S.S.W.	9.82	65	63	26
overcast hazy & calm. cleared up & bright from noon	E	9.8	63	61	27
very warm bright day light breeze	N.E	9.8	68	64	28
Bright sun more Hot bright day	S.E	9.77	71	64	29
Bright sun calm	E.W	9.75	66	67	30

July 1811.

Observations	WIND	Bar.	Ther. in	Ther. out	Days
Bright moon some light clouds rising then brighter & hot. at night hazy overcast fine moon hazy day Bright nights	E.N.E. N	97.7 97.8	68 72	65 65	1 2
Bright moon fresh breeze fine day Breeze	N.W.W	97.8 0.07	66 65	65 60	3
Fine, w. haze overcast with light	N.E.	97.0 0.05	63 63	60 67	4
Fine moon Hazy day & evening	N.W.	97.8 0.01	63 63	59 64	5
Fine, w. some clouds—	S.S.E.	97.8 0.01	64 67	65 65	6
Hazy sky calm moon fine warm day Calm	Calm	97.8 0.01	65 70	69 70	7
Bright hot day overcast bright calm	E.C.N	97.7 0.01	66 71	66 70	8
Bright calm moon sultry & over cast & hot & hazy & day	S.E.	97.8 0.01	68 72	68 70	9
Hazy sky fine calm day. Hot sun at noon	N.	97.3 0.01	68 70	68 70	10
Hazy sky calm—fresh breeze & overcast afternoon & evening	N.	97.3 0.01	70 70	67 72	11
Soft rain early in the morning overcast sky rain afternoon—cloud at	S.W. N.W.	97.5 0.01	65 67	70 73	12
overcast moon hazy sky evening cloudy & threatening rain	N.	97.8 0.01	65 64	63 68	13
overcast heavy rain cloud at night hyet & heavy showers	N.W.	97.4 0.01	62 67	62 67	14
light & hazy fresh breeze so all day at night cloudy & windy—	N.	97.5 0.01	61 64	60 68	15
Bright moon—thin overcast & heavy day & evening	S.W.	97.5 0.01	64 64	62 68	16
fresh wind hazy sky threatening rain Thunder & heavy showers till 4 P.M.	S.W.	97.5 0.01	62 62	61 66	17
overcast afternoon calm overcast all day & even heavy cloud & rain	N.E.	97.4 0.01	62 64	60 69	18
overcast & heavy clouds slight rain in the night	S.W.	97.6 0.01	62 64	58 63	19
Bright moon & fine day & even	S.W.	97.7 0.01	64 64	61 66	20
very bright day even light clouds & S.W.	S.E.	97.8 0.01	64 64	62 66	21
fine day hazy, at times fresh breeze	N.	97.8 0.01	64 65	62 68	22
blowing moon fresh wind overcast sky. fine evening serene & calm	N.W.	97.9 0.01	62 64	63 67	23
overcast serene moon calm. cloudy day	N.	97.9 0.01	64 64	62 66	24
overcast heavy sky blowing fresh	N.	97.9 0.01	64 64	62 65	25
Fine, w. a breeze	N.	97.0 0.01	60 66	60 69	26
fine calm & soft rain fine warm day overcast heavy rain—	N.	97.8 0.01	68 72	70 70	27
Soft rain & overcast calm fine soft overcast day	S.S.E.	97.7 0.01	64 64	64 68	28
fine overcast mild day & evening	N.	97.8 0.01	63 64	62 68	29
very fine overcast day calm & even slight	N.	97.0 0.01	64 65	64 70	30
overcast calm moon—over cold & threatening rain—hazy sky.	N.	97.7 0.01	62 64	60 65	31

August 1811.

Observations	WIND	Bar.	Ther. in	Ther. out	day
Clouded & sun till afternoon in the evening rain.	S.W	9.6	63	64	1
Blowing & overcast — Rain in the eve.	S	9.68	62	64	2
fine more hazy sky soft day rain in the evening & heavy sleep —	N.W	9.70	62	62	3
Bright morning heavy showers afternoon evening fair	W	9.87	62	65	4
overcast calm morn	W	9.42	61	60	5
Fine, w. a breeze & clouds.	N.W	9.49	60	60	6
Showery —	N.W	9.5	60	64	7
A good deal of rain.	N.W	9.27	58	62	8
Flying clouds —	N.W	9.33	57	60	9
Fine, w. clouds, & a breeze.	N	9.35	57	63	10
Fine, but over-cast	N.W	9.31	56	61	11
Fine blowing weather, w. clouds. Rain at night & in the morning — cleared up after noon.	S	9.13	56	60	12
Fine, but over-cast. —	N.W	9.43	56	61	13
Blowing, but fine over-cast weather. Rain in the eve.	W	9.70	57	60	14
Blowing, but fine, w. clouds	N.W	9.80	57	60	15
Some rain in the mor. — A fine blowing day & eve.	N.W	9.05	57	60	16
Fine, but clouded.	S.W	9.07	58	61	17
Clouded, w. some slight showers	W	0.07	58	61	18
showery in the mor. Blowing day. Heavy showers after-noon.	N.W	9.07	58	60	19
Slight showers, & mostly over-cast	S.W	9.12	57	60	20
over-cast, but fine. Clearer at night.	Calm	9.00	57	61	21
Hazy, but fine. Rain at night.	W	9.17	57	64	22
Clouded, but fair. very wet eve. & night.	Calm	9.78	57	60	23
very wet mor. Clouded day. some rain in the eve.	S.W & N.W	9.74	59	57	24
clouds; but fair mor. & day wet & stormy at night, late.	N.W	9.85	59	56	25
Blowing mor. w. showers — clouded eve. clear night	W	9.00	57	53	26
Fine, w. a breeze. — a shower after noon.	S.W	9.09	57	54	27
Rain in the mor. Blowing day. clouded eve. clearer late.	N.W	9.57	58	54	28
Fine, but clouded	N.W	9.30	57	55	29
Rain in the mor. Blowing day. w. clouds.	S.W	9.40	57	56	30
	W	9.30	58	56	31

September 1811.

Observations	WIND	Bar.	Ther. in	Ther. out	days
Fine, but over-cast	W.S.W.	9.98	58	54	1
very fine, w. some clouds. Clear ev. & night.	W.S.W.	9.98	58	54	2
Fine, but hazy.	W	9.98	57	54	3
Fine, w. some clouds. — Clear ev.	S.E.	9.80	57	56	4
Fine, but over-cast. Clear night. S.E.	S.E.	9.98	58	56	5
very fine.	S.E.	9.98	58	56	6
very fine & clear	W.S.W.	9.98	58	56	7
same as yesterday	W.W.	9.98	58	56	8
very fine & clear.	W.S.W.	9.98	58	56	9
same as yesterday — over-cast ev. & night. ^{Rains about daylight} Clearer in the mor. early — then hazy. Clouded day.	S	9.98	58	56	10
Pretty clear in the mor. Clear day.	W.	9.98	58	56	11
Fine, w. haze. Clear ev. & night.	S.E.	9.98	58	56	12
Fine, w. some haze & white clouds clear night.	W	9.98	58	56	13
Fine & clear	W.W.	9.98	58	56	14
Clouds, haze, & a brist breeze	S.E.	9.98	58	56	15
Clouded mor. Clearer day. ev. & n.	S	9.98	58	56	16
Fine.	W.S.W.	9.98	58	56	17
very fine. Clouds at night.	W.	9.98	58	56	18
Fine, but hazy & very wet night. w. Thunder & lightning in the P.M.	W.S.W.	9.98	58	56	19
Flying clouds. Clear ev. & night	W.W.	9.98	58	56	20
A very considerable rain	S.S.W.	9.98	58	56	21
Showers	W.W.	9.98	58	56	22
Clear mor. then clouds & haze very wet night.	S	9.98	58	56	23
extremely wet, & constant rain.	W.W.	9.98	58	56	24
Clouded, but fine. Night showers — clear ev. ^{hazy late.}	W.W.	9.98	58	56	25
very over-cast. Water spouts in the P.M. about 4 P.M. Clear night.	W.W.	9.98	58	56	26
Fine	W.	9.98	58	56	27
Fine mor. but afternoon. Clouded night.	S.E.	9.98	58	56	28
Flying clouds. over-cast ev. & n. very wet late.	W.S.W.	9.98	58	56	29
					30

October 1811.

Observations	WIND	Bar.	Ther. in	Ther. out	Days
Very heavy rain in the mor. Clouded day. Low & night.	S.E.	9.26	54.4	50	1
Mostly Clouded - rain in the eve.	S.E.	9.12	56	50	2
Clouded, w. shower.	S.E.	9.26	55	50	3
Mostly wet. Clouded night.	S.W.	9.12	57	50	4
Very wet, & continually over-cast.	S.	9.26	57	50	5
Clouded, w. some rain. (blowing)	S.	9.12	57	50	6
A very wet mor. Clouded day. Blowing night.	S.W.	9.26	57	50	7
Blowing & over-cast.	S.W.	9.12	57	50	8
over-cast, w. a breeze. Clearer than clouded.	S.W.	9.26	57	50	9
Blowing & over-cast. Stormy w. some rain at night.	S.W.	9.12	57	50	10
Fine, w. some clouds. - clear night. Hazy late.	W.	9.26	57	50	11
Stormy & wet mor. Blowing day, cool &c. but clear night.	S.W.	9.12	57	50	12
Blowing w. showers.	W.W.	9.26	57	50	13
Clear mor. clouded day &c.	S.W.	9.12	57	50	14
Clouded - wet night	S.W.	9.26	57	50	15
Fine, w. clouds	S.	9.12	57	50	16
Clouded & mizzling.	S.W.	9.26	57	50	17
Fine.	S.W.	9.12	57	50	18
Fine, w. a breeze & clouds	S.W.	9.26	57	50	19
Clouded, w. some rain - a clear night.	S.W.	9.12	57	50	20
Clouded, w. wet rain afternoon clear blowing night.	S.	9.26	57	50	21
Clouded mor. Clear after-noon. clear night.	W.S.W.	9.12	57	50	22
Wet mor, day & eve. Clear late	S.	9.26	57	50	23
Clouded. rain in the eve - clear at night.	S.	9.12	57	50	24
Clear mor. & day. Hazy eve. A very wet night.	S.	9.26	57	50	25
Rain in the mor. flying clouds. all day eve &c.	S.W.	9.12	57	50	26
Fine, w. some clouds. clear night.	S.	9.26	57	50	27
Hazy w. some rain in the mor. most heavy rain at night.	W.W.	9.12	57	50	28
Blowing & hazy. Clouds at night.	S.	9.26	57	50	29
Over-cast, but fine.	W.S.	9.12	57	50	30
Clouded mor. Rain after noon. very wet & stormy eve & night. Clear up before midnight.	S.S.W.	9.26	57	50	31

October 1871.

Observations	WIND	Bar.	Ther. in	Ther. out	Days
Blowing, but mostly clear. very heavy rain in the eve. Hazy all night.	S.W	9.10	51	49	1
Clear mor. Sailing clouds after noon. Hazy eve & very over-cast night.	W	9.10	51	49	2
Hazy, but mostly fair.	S.W	9.10	51	49	3
very fine & clear, wt a breeze. very stormy at night, wt rain.	W S.W	9.10	51	49	4
Fine mor. Squally after noon. same eve & night.	S.W	9.10	51	49	5
Blowing, wt clouds & showers.	W. S.W	9.10	51	49	6
Clear mor. Clouds after noon. A clear night.	W. S.W	9.10	51	49	7
over-cast & misty. Blowing night - rain late.	W.W	9.10	51	49	8
very wet mor. over-cast day.	W.W	9.10	51	49	9
very wet mor. Clouded day & wet eve & night.	S.W	9.10	51	49	10
Rain in the eve. Blowing day. Clear eve & night.	W.	9.10	51	49	11
Fine, but hazy. Heavy rain at night.	W. S.W	9.10	51	49	12
Blowing day. mostly fair.	W.W	9.10	51	49	13
Fine, but blowing weather. squalls & showers & squalls.	S.W	9.10	51	49	14
Tempest of rain & wind - better day with squalls & light.	W	9.10	51	49	15
fine but very blustering - fine day & light.	W	9.10	51	49	16
overcast with fog calm & all day	calm	9.10	51	49	17
overcast damp haze calm & all day a light high wind	W S.W	9.10	51	49	18
fine serene moon calm	W	9.10	51	49	19
hazy day overcast calm	W	9.10	51	49	20
overcast with fog	W	9.10	51	49	21
fine open day & evening & light	W	9.10	51	49	22
Fine, wt haze & some clouds.	W	9.10	51	49	23
calm over all day & afternoon & even	W	9.10	51	49	24
overcast with haze & calm	W	9.10	51	49	25
Fine, but over-cast	W. S.W	9.10	51	49	26
fine overcast & calm	W	9.10	51	49	27
overcast damp & hazy & calm	W	9.10	51	49	28
overcast damp & hazy calm	W	9.10	51	49	29
freeze & fine & pretty fresh & flying clear	W S.W	9.10	51	49	30

Decem^r 1811.

Observations	WIND	Bar.	Ther. in	Ther. out	Days
Blessing hard & hazy hard at night	SW	9.35 9.2 9.03	48 48 48	50 51 49	1
Squalls with showers & at the least frequent heavy squalls & showers	W & S W	9.1 9.3 9.5	42 43 42	39 43 37	2
Wet hazy & overcast blowing fresh the heavy rain Dec 2	SSW	9.3 9.2 8.9	44 45 44	45 46 42	3
Some snow showers show & storm	NW	8.9 8.86 8.7	38 40 38	34 39 34	4
Wet & hazy sky heavy show showers	W	9.7 9.5 9.4	35 35 39	32 33 38	5
overcast & snow on the ground hazy quick & hard rain	SW	9.6 9.4 9.2	44 45 44	44 39 40	6
Wet overcast & hazy	SW	9.1 9.0 8.9	44 45 44	50 50 44	7
overcast & damp. blowing fresh sheet & hail showers	SW	8.8 8.81 8.7	42 44 38	37 44 39	8
Wet bright moon cloudy at night wind rising hazy sky & show	W	9.0 8.9 8.8	37 37 37	32 32 32	9
overcast damp air	SW	9.3 9.0 8.9	37 38 38	35 38 38	10
calm white frost overcast & hazy & frosty night	W	9.6 9.60 9.55	37 38 37	32 38 38	11
Wet cloudy then very damp at night rain	SW	9.4 9.3 9.3	46 42 46	43 48 48	12
calm & heavy wetting rain afternoon clearing but overcast sky	W	9.5 9.45 9.4	46 43 41	43 45 41	13
clear frost calm fair all day & light	W	9.8 9.7 9.7	39 42 42	37 41 45	14
Wet moon on day damp overcast night wet & gale of wind	SW	9.2 9.4 9.4	40 42 40	41 45 41	15
Stormy after a very bad night of rain & wind	W	9.2 9.0 8.9	38 39 40	34 41 40	16
damp overcast calm. clear up at noon	NW	9.3 9.3 9.2	38 40 40	38 40 40	17
overcast moon hazy sky. afternoon very heavy rain & damp air	W	9.4 9.32 9.2	41 41 46	40 40 42	18
Heavy rain but fair	W	9.0 9.04 9.15	45 45 44	47 47 40	19
clear moon calm fine overcast day at night rain	SW	9.3 9.3 9.2	42 42 41	40 40 40	20
very wet after a night of rain	NE	9.6 9.78 9.8	38 41 38	32 40 30	21
calm frost - fine overcast. fine day at night hazy fog	SW	9.9 9.9 9.8	37 37 36	39 39 39	22
fine soft moon overcast light clouds sunny clouds & fresh wind.	NW	9.9 9.95 9.9	42 43 42	44 48 44	23
overcast hazy dark day	calm	9.9 9.9 9.9	41 42 41	40 44 40	24
clear frost	calm	9.01 9.02 9.0	35 35 35	32 32 30	25
Hazy moon white frost calm day	W	9.7 9.7 9.7	35 35 35	32 32 32	26
snow in the night snow & the frost	NW	9.78 9.78 9.7	35 36 36	32 32 28	27
snow on the ground & melted to thaw	E	9.4 9.32 9.4	34 36 34	28 36 30	28
clear frost & snow lying fine day	E	9.6 9.6 9.6	32 32 32	30 32 30	29
calm & clear frost	omitted	9.9 9.9 9.9	32 32 32	30 29 30	30
overcast odd then continued Thaw & wet fog	W	9.6 9.7 9.7	35 34 35	39 37 35	31