

M117.1(20) THE OBSERVATORY
ARMAGH.

July 1818

to

December 1819.

January 1818.

Observations	WIND	Bar.	Ther. in	Ther. out	days
Fine, w ^t some haze	W	9.77	9.76	9.75	1
Fine, w ^t haze & some clouds.	W	9.73	9.82	9.82	2
A fall of snow. — Heavy rain after mid night.	W	9.22	9.27	9.40	3
Floods. — Fine day, w ^t clouds. S. W	W	9.10	9.15	9.18	4
overcast, w ^t snow & sleet. — Clear at night, w ^t a breeze.	W	9.42	8.98	9.00	5
Fine, w ^t some haze.	W	9.70	9.76	9.65	6
Much rain, during, at least 12 hours. with a breeze.	S. W	9.50	9.45	9.52	7
Fair, w ^t haze & clouds.	W. S. W	9.80	9.87	9.75	8
Same as yesterday, but damps & very overcast.	W. S. W	9.47	9.53	9.65	9
Fine, w ^t a breeze. — Clouded ev ⁿ very wet night.	W	9.25	9.22	9.32	10
Mostly fair, but clouded until late at night.	S. W	9.42	9.37	9.32	11
Blowing, w ^t clouds & haze. very stormy ev ⁿ & night	S. S. W	9.40	9.53	9.50	12
Blowing, but fair.	S. W	9.23	9.20	9.07	13
wind, clouds, haze, & heavy showers. very stormy & wet thro' the night.	S. W	9.35	9.30	9.27	14
wind, & thick haze. stormy w ^t showers at night.	W. S. W	9.23	9.08	9.15	15
Quite overcast w ^t some rain. Much rain — sleet & snow in the ev ⁿ & night.	W. S. W	9.40	9.39	9.55	16
Lying snow, & some snow-showers. Blowing ev ⁿ & night, but squalls & showers.	W	9.37	9.43	9.42	17
Hazy, w ^t some snow showers.	S. W	9.98	9.85	9.60	18
Blowing, w ^t clouds & haze. quite overcast at night, w ^t some rain.	S. W	9.90	9.96	9.97	19
Blowing & overcast, w ^t damps. stormy & wet thro' the night.	S. W	9.60	9.60	9.72	20
Showers of sleet. & clouds, w ^t some clear intervals.	W. S. W	9.54	9.71	9.67	21
very wet & stormy.	S. W	9.32	9.40	9.45	22
Lying snow, & snow showers.	W. S. W	9.15	9.09	9.17	23
Lying snow — clouds & haze.	S. W	9.35	9.30	9.25	24
very overcast, w ^t some rain	S. W	9.40	9.45	9.47	25
some rain, & clouded sky.	W. S. W	9.25	9.30	9.33	26
Blowing & clouded. A good deal of rain afternoon.	W	9.12	9.15	9.18	27
wind & haze. sleet at night.	W. S. W	9.03	9.05	9.08	28
snow on the ground. A very severe night of wind & rain — great floods. clouded weather	S. W	8.95	9.06	9.06	29
sleet at night.	S. W	9.07	9.04	9.00	30
sleet lying on the ground, some clouds.	S. W	9.33	9.20	9.12	31

Feb. 1818.

Observations	WIND	Bar.	Ther. in	Ther. out	Days
A considerable fall of snow, & very overcast. Clear night, late.	S. W.	9.40	32	29	1
Fine, with some snow-clouds & light haze.	W. S. W.	9.42	34	34	2
Much overcast with a thick mist. Clear at night.	W.	9.47	30	28	3
Very overcast with snow-showers & sleet. heavy rain, & stormy at night.	S. E.	9.50	28	25	4
Mostly clouded, but clear at night late.	S. W.	9.55	33	30	5
Clouds & wind	S. W.	9.58	35	35	6
Same as yesterday.	W. S. W.	9.60	36	36	7
very overcast, but mostly fair. Clear at night.	S. W.	9.65	37	37	8
Fine, with some clouds & haze. Clouded night.	W.	9.67	38	37	9
Clouds, haze, & rain after noon.	W. S. W.	9.68	39	40	10
Fine. But mostly clouded	W. S. W.	9.70	40	40	11
Clouded, with some rain	S. W.	9.72	41	41	12
Same as yesterday. Clear, late S. W.	S. W.	9.75	41	40	13
Blowing & clouded — some rain at night.	S. W.	9.77	42	40	14
Fine, but much clouded in the eve. & night.	S. E.	9.80	42	42	15
very wet & clouded.	S.	9.82	43	44	16
Fine, but a breeze — clouded & wet at night.	S. E.	9.84	43	46	17
Mostly clouded, but fair. — Clear night.	W. S. W.	9.86	44	49	18
Showers of sleet — clear at night.	S.	9.88	45	42	19
Blowing, but fair. — Hazy at night. A remarkable aurora in the East	W. S. W.	9.90	46	41	20
Clouds & haze.	S. W.	9.92	47	41	21
Fine, but hazy (snow on the mountains)	W. S. W.	9.94	48	40	22
Blowing, with some rain. Stormy in the eve.	S. W.	9.96	49	41	23
A considerable fall of snow	W. S. W.	9.98	50	42	24
Blowing & hazy. — very wet after noon — stormy night.	W. S. W.	9.10	51	43	25
Clouded & wet.	W. S. W.	9.12	52	44	26
Snow-showers & clouds. — very heavy rain at night.	W. S. W.	9.14	53	45	27
Blowing & stormy.	W. S. W.	9.16	54	46	28
very wet mist. Blowing with some rain all day. — stormy but floods.	S. W.	9.18	55	47	29

observations.

WIND

Bar.

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Ther. out days

[illegible]

- A dreadful hurricane in London & at Portsmouth on the night of the 4th. And some time on that night, the ϕ in the Barometer, by the hinge left on the tube, appears to have been as low as 27.9^{ins}. H. H.

1850

- A dreadful hurricane in London & at Portsmouth on the night of the 4th. And some time on that night, the $\frac{1}{2}$ in the Barometer, by the hinge left on the tube, appears to have been as low as 27.ⁱⁿ91. B. H.

Dec 20 1887

Observations

	WIND	Bar.	Ther. in	Ther. out	Days
Fine, but mostly overcast	E. S. E.	0.17	42	43	1
Fair, but overcast, w. a breeze	N. W. E.	0.15	42	43	2
Fine, & clear	E.	0.17	41	40	3
Same as yesterday	E.	0.18	44	43	4
Fine, but overcast - Rain at night.	E.	0.18	42	43	5
Wet day	N. E.	0.13	40	40	6
Clouds & haze, w. a breeze	E.	0.13	40	40	7
A considerable fall of snow in the night.		0.13	40	40	8
Stormy, w. snow, sleet & rain, N. E. nearly constant, for 24 hours. great floods.	N. E.	0.10	38	36	9
Very overcast, w. some rain.	N. W.	0.17	39	40	10
Clouded, w. a breeze.	N. W. E.	0.20	40	43	11
Blowing, w. clouds - Lying snow on the mountains.	E. S. E.	0.24	41	35	12
Fine, w. some clouds. Blowing, night. Clouded late.	N. W. W.	0.37	40	46	13
A good deal of rain - A breeze & fair in the eve.	S. E.	0.45	41	45	14
Clouded, w. light showers.	W. S. W.	0.29	42	50	15
A good deal of rain - Blowing eve. w. clouds & haze	S. E.	0.22	42	49	16
Blowing, but quite overcast	N. E.	0.06	42	48	17
Mostly overcast, w. some rain	N. E.	0.16	44	47	18
Fine, w. a breeze. - clear night.	N. E.	0.32	44	43	19
Fine, w. haze	S. E.	0.40	45	44	20
Very overcast, w. almost con- = stant rain, not heavy.	S. E.	0.50	45	43	21
Fair, w. haze & a breeze. - clear in the eve. overcast at night.	E.	0.44	44	46	22
Thick haze, & a breeze.	N. E.	0.44	43	44	23
Rain in the morn. very overcast & blowing	N. E.	0.40	42	40	24
Snow & rain, nearly constant, for 18 hours.	N. E.	0.20	40	36	25
Very overcast & blowing.	N. E.	0.12	37	37	26
Same as yesterday, w. a good deal of rain. - snow on the mountains.	S. E.	0.15	40	38	27
Almost constant & w. rain for 12 hours. Blowing w. some clearing in the eve.	S. S. E.	0.10	42	45	28
Blowing, w. clouds & showers.	S. S. W.	0.42	45	45	29
Blowing, w. clouds & haze.	S. W.	0.40	46	48	30
Fine, w. haze & a breeze. very overcast eve. & night.	E. S. E.	0.43	48	53	

April 1818.

May 1818.

Observations	WIND	Bar.	Ther. in	Ther. out	days
very wet mor. — Clouds & a breeze afternoon. — Clear at night.	W.S.W	9.45	48	46	1
Blowing, wt. clouds & haze.	E.S.E	9.42	48	47	2
Fine, wt. haze, & some clouds & a breeze. (rain at night)	S.E	9.33	49	49	3
Same as yesterday	S.E	9.26	48	48	4
Clouded mor, day &c.	S.E	9.20	47	46	5
very overcast. — wet eve. and very wet thro' the night.	E.S.E	9.10	47	45	6
wet mor. clouded & showy all day, eve. &c.	E.S.E	9.07	47	44	7
very wet mor. — Fair in the af- ternoon. Some rain in the eve. — Rain during the night.	S.E	9.28	47	46	8
Hazy mor. & day. — Rain in the eve.	S.W	9.31	48	50	9
Blowing, wt. clouds, haze & some showers.	S.S.E	9.33	48	51	10
Clouds, haze & some rain.	S	9.25	48	52	11
Clouds & Showers.	W.S.W	9.23	49	50	12
Blowing, wt. some rain, & very over- cast & dry. Much rain in the afternoon & eve.	S.E	9.03	47	45	13
Misty overcast, wt. a good deal of rain.	S.E	9.25	47	46	14
Heavy clouds, but mostly fair.	W	9.43	49	48	15
very overcast, but fair.	W.S.W	9.55	48	50	16
Fine, wt. some clouds & light haze	W.S.E	9.72	51	51	17
Same as yesterday.	W.S.E	9.87	54	53	18
very fine & clear. — Heavy clouds in the eve. — Clear night.	S.E	9.91	56	54	19
very fine & clear, wt. light breeze. overcast at night.	W.S.W	9.97	57	50	20
very fine, but mostly clouded clear eve.	W.S.E	0.03	57	55	21
Fine & clear, wt. a breeze.	S.W	0.06	58	50	22
Same as yesterday, (some wool-picking)	W.S.W	0.10	61	54	23
Fine, wt. a breeze & some white clouds.	W.S.E	0.11	62	54	24
very fine, wt. a breeze, & small white clouds.	E	0.12	61	49	25
Blowing, wt. some what larger white clouds. — very clear eve. & night.	E	0.12	65	53	26
very fine, wt. light haze & a breeze.	W.S.E	0.12	64	53	27
Fine & clear.	W.S.E	0.05	62	55	28
Fine, wt. light haze & a breeze.	W.S.E	0.02	60	54	29
Same as yesterday (overcast eve.)	W.S.W	9.22	62	55	30
Blowing clouds of mist — haze & clouds — overcast eve.	W.S.W	9.03	62	55	31

observations

WIND

Bar.

Ther. in

Ther. out day

Blowing, w. clouds (very distant thunder to the eastward in the eve.)
Same as yesterday.

A slight shower in the mor. — Quite overcast, w. a breeze. A slight shower in the eve.
Fine, w. some clouds & haze

Fine & clear — light haze.

Same as yesterday (very distant thunder, said to be towards the east) in the eve.
A smart breeze, w. some clouds & haze

Blowing, but fine.

very fine, w. a light breeze & some haze.

Some clouds & a breeze.

Same as yesterday.

Blowing, w. some clouds & haze of great clouds passing to the west in the eve, in a parallel series of stormy. Some rain in the mor. Blowing w. w. clouds. Some clearing in the eve.

Fine, w. clouds & a breeze overcast in the eve & night. Thunder towards the North. Distant early in the mor. — A good deal of S. W. rain here. Showers.
Mostly met & clouded.

Some showers & a breeze. Clear at night.

Blowing, w. some clouds & slight showers.

Blowing, w. heavier clouds & showers. Distant thunder.

Blowing, w. clouds.

Nearly constant light rain & smart wind.

Clouds & showers, w. a breeze

Clouds & a breeze —

Fine, w. clouds — May ev. very met night.

Blowing, w. clouds, haze & some rain.

Blowing, w. clouds & haze.

Thunder & lightning about 3.5. M. for nearly an hour. Clouds & heavy rain.

Showery — Fine eve & L.

Fine, w. a breeze & some clouds & haze

Fine, but mostly clouded

June 1818.

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
62	62	63	63	65	66	67	64	66	67	68	68	66	64	62	61	58 1/2	57	57	57	57	56	54	54	50	50	50	57	57	59
67	66 1/2	64 1/2	68	69	71	71	70 1/2	71	72 1/2	74 1/2	74	69	68	68	65	62 1/2	61	67	60 1/2	58	60	59 1/2	60 1/2	61	64	65	63 1/2	61	62
63	63	61	63	64	66	66	67	66	67	68	68	66	64	62	62	60	58	57	56	56	54	53	54	57	58	57	58	57	59
60	60	59	60	61	62	60	59	60	60	62	62	57	58	58	53	50	52 1/2	58	53	55	56	52	54	54	50	57	60	60	60
69	70	66	69	70	73	71	70	70	70	72 1/2	74 1/2	72	72	71	63	64	61	67	60	61	64	62	64	64	65	68 1/2	65	66	67
58	60	58	59	60	63	61	60	61	61	62	63	62	60	58	56	57	53	56	56	54	56	55	52	56	57	58	60	60	61
5	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
9.77	9.74	9.83	9.95	0.07	0.15	0.12	0.10	0.05	0.00	9.93	9.78	9.60	9.72	9.65	9.49	9.38	9.49	9.23	9.40	9.43	9.50	9.54	9.69	9.58	9.58	9.44	9.46	9.78	9.93
9.75	9.74	9.86	9.98	0.10	0.16	0.12	0.09	0.04	0.00	9.89	9.75	9.60	9.70	9.68	9.40	9.39	9.52	9.10	9.50	9.45	9.50	9.58	9.82	9.53	9.60	9.33	9.60	9.90	9.90
9.75	9.74	9.89	0.00	0.12	0.15	0.11	0.07	0.00	9.97	9.85	9.70	9.74	9.62	9.68	9.37	9.45	9.50	9.27	9.48	9.48	9.52	9.61	9.65	9.55	9.65	9.32	9.65	9.90	9.89

1	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	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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- This day at 1 P.M. the inside Ther. exposed to the sun, at the South wall of the platform, rose to 107°

1	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	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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- A great Thunder-Storm, in the eve at Ballyshandra.

- This day the Ther. situated as above, rose to 102°. And a very considerable Thunder-Storm occurred at Belfast, in the afternoon

A great Thunder-Storm at Moira.

- A considerable Thunder-Storm at Newry

This afternoon, Thunder & Lightning, was very general over the Counties of Down & Antrim - Great at Lisburn from 4 to 5 P.M.

1	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	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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- This day at 1 P.M. the inside Ther. exposed to the sun, at the South wall of the platform, rose to 107°

1	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	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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- A great Thunder-storm, in the eve at Ballyshandra.

- This day the Ther. situated as above, rose to 102°. And a very considerable Thunder-storm occurred at Belfast, in the afternoon

A great Thunder-storm at Moira.

- A considerable Thunder-storm at Newry

This afternoon, Thunder & Lightning, was very general over the Counties of Down & Antrim - Great at Lisburn from 4 to 5 P.M.

July 1818.

Observations	WIND	Bar.	Ther. in Ther. out days	
Some rain — afterwards fine but mostly clouded	S. W	9.94	57	57
Fine, but hazy.	W. W	9.99	58	57
Same as yesterday	W	9.93	57	57
Same as yesterday	W. W. W	9.92	58	57
Fine, with a breeze & some heavy clouds.	W. W	9.90	59	58
Thunder & lightning in the west & W. W. without rain from 1 to 4 P. M. but soon — Thunder & lightning, from 1 to 2 P. M. pretty near. Much rain all day & evening	W. W	9.90	60	59
Blowing, with many heavy clouds.	W. W. W	9.92	61	60
Very clouded, but fair with a breeze. Much rain in the ev.	W. S. W	9.85	60	60
Fine, with a breeze & much clouds.	W. W. W	9.87	61	60
Some rain, with clouds all morn. Day. Rain in the ev.	W. S. W	9.80	62	61
Very overcast, with a good deal of rain.	S. W	9.67	63	62
Fine, with clouds & a breeze. Some rain in the ev. — Clouded night.	W. W	9.80	64	63
Fine, but close & overcast.	W. S. W	0.10	66	65
Clouds & a breeze.	W. S. W	0.07	66	65
Fine, with a breeze. — Clear night & calm.	W. S. W	0.03	68	67
Fine, with some clouds & a breeze clouded night	W. S. W	9.88	68	67
Clouded & blowing	S. W. W	9.90	66	65
Fine, with clouds & a breeze	W	9.90	65	64
Fine, with cool-packs & a breeze	W. W. W	9.90	65	64
Slight shower. very dark.	SW	9.62	63	62
Blowing, with clouds & haze heavy rain in ev.	W. S. W	9.70	63	62
Blowing & overcast — Rain at night & in the morn. early, with thunder.	S	9.55	64	63
Blowing, with clouds. after noon fine	S	9.52	62	61
Blowing & dark — Blowing — clear night.	S	9.51	58	57
Very dark — heavy showers —	S S W	9.65	59	58
Fine, with a breeze & heavy clouds.	W. W	9.91	59	58
Fine, but overcast, with a breeze & haze. rainy evening	S. W	9.82	60	59
Dark cloudy day.	S	9.81	63	62
Pretty clear morn. — then clouded. rain at night. & in the morn. early	W. W	9.80	66	65
Blowing, with clouds. Rain	S. W	9.80	61	60

Observations

WIND

Bar.

Ther. in Ther. out days

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August 1818.

Morn. very clear (early) Clouded day & dew.	NW	0.02	9.90	9.05	80	61 1/2	58	54	66	55	1
fine with clouds - Middle of day clear even dark -	SE	9.00	9.92	9.95	60	65	62	57	67	60	2
Most dark. dark day slight shower.	SW	9.75	9.73	9.75	62	63	60	63	65	63	3
Dark morn. light clouds after night pretty clear	SW	9.00	9.76	9.76	65	64	63	65	72	63	4
Cloudy day even clear	W. NW	9.06	9.76	9.75	50	70	65	53	75	65	5
Fine, w. clouds & a breeze.	W. NW	9.00	9.96	9.94	61	64	59	56	67	55	6
Clouded, w. a good deal of rain.	W. S. W	9.02	9.82	9.85	59 1/2	62	59	56	63	55	7
Very rainy ^{last} morn. & moving. Very wet day Evening (Constant rain from 4 o'clock to 10 o'clock. This morn. fair with clouds - Fine nights)	SE	9.77	9.77	9.03	59	59	59	54	57	55	8
Last night wet. This morn. fair with clouds - Fine nights	SE	9.83	9.05	9.05	56	61	58	51	62	55	9
Morn. very clear	NSE	0.02	9.90	9.07	57	61	58	53	63	56	10
Fine, w. a breeze. Fine even w. r.	SE	0.05	9.05	0.05	58	63	57	50	63	55	11
Very fine & clear morn. - some clouds afterwards. But fine -	SE	0.04	9.03	0.03	58	64	56	53	62	52	12
Fine, but clouded. Clear at night.	SE	0.05	9.03	0.03	58	62	57	53	64	52	13
Morn. dark. fog cleared away. at noon evening cloudy.	SE	0.06	9.02	0.04	61	64	59	58	66 1/2	51	14
Fine, but very overcast	SE	0.03	9.02	0.05	59	62	60	55	65	57	15
Fine but very dark.	SE	9.95	9.98	9.98	61	69	60	58	64	50	16
Dark morn. & day - some rain in the eve. - clear at night.	SE	9.88	9.92	9.94	60	62	60	56	65	57	17
Fine, w. haze & a breeze & clouded	SE	9.95	9.90	9.88	59	61	59	54	60	56	18
Fine, but overcast.	SE. W. W	9.95	9.97	9.97	58	59	58	54	58	53	19
Fine but very dark - w. a smart breeze.	SE. W. W	0.02	9.95	9.97	57	58 1/2	57	53	59	55	20
Very dark morn. & day Rain in the evening & n.	NW	0.01	9.95	0.02	57	59	57	52	62	55	21
Clouded morn. - & day, w. a breeze.	SE. W. W	0.00	9.98	0.00	57	60 1/2	57	54	65	54	22
Blowing & clouded, but fine	SE. W. W	9.92	9.94	9.95	56	60	57	53	64	56	23
A slight shower in the morn. - clouds & a breeze. Slight rain in the eve. clouded night.	SE. W	9.85	9.87	9.88	56	59 1/2	56	56	64	56	24
Fine, but clouded, w. a breeze. Some rain in the eve. & at night.	SE. W. W	9.90	9.90	9.89	57	59	56	57	64	56	25
Clouds & slight showers. Raining n.	SE. W	9.65	9.76	9.78	57	59	58	55	62	57	26
Clouded, w. some rain -	SE. W	9.42	9.47	9.48	59	59 1/2	58	56	62 1/2	56	27
Blowing & clouded, w. some rain	SE. W	9.64	9.49	9.45	58	59	57	55	62	55	28
overcast, w. some rain h. clear	W. SE. W	9.57	9.60	9.60	57	61	58	55	62	56	29
Blowing with clouds - heavy rain at night At 2 1/2 P.M. at 22 1/2 distant from	W	9.72	9.65	9.65	56	58	56	53	60	54	30
Wind very high. Morn. clear high wind all day	SE. W	9.30	9.44	9.52	60	64	58	60	67	57	31

Observations.

WIND

Bar.

Ther. in

Ther. out days

overcast, w. a breeze Evening clear

Morning very clear — Clouds, & showers Night clear

Morn' clouded. — Clouds, wind & haze S. E

Heavy clouds — Heavy rain at 1 P.M. Thunder in the North. Clear night

Blowing, but mostly overcast w. clouds & haze.

Blowing & clouds Evening clear.

Blowing, w. some showers.

Fine, w. clouds & haze Rain at night

Fine with clouds — Evening very clear clouds at night

Very fine with clouds in Morn'. a shower at 8 P.M.

Fine, but clouded.

Fine but dark — Evening & night clear

Clouded all day.

Rain & a high gale a very wet day

Blowing, w. clouds & showers. Thunder about noon in the East.

Heavy showers & hail but clear.

Fair, but mostly cloudy Rain at night

Rainy morning. Clouded, w. a breeze. rainy evening Rain falling rapidly

Very wet night & Morn'. Clouded day Clearer at night.

Very thick fog in the Morn'. No wind in Morn'. Wind clear & a very brilliant Aurora Bore at 8 P.M. & after dark late at night the showers shooting past the Zenith.

Rain — Very heavy rain. & storm

Very wet Morning Evening clear

Morning very clear — Exception rain after noon. & at night.

Blowing, w. clouds & haze. heavy shower.

Blowing hard with clouds — Night very fine

Morn' fine with clouds — Even' clouded & dark.

Dark morn'. Rain at night

Heavy rain in the Morn'. Cloudy day & evening.

Blowing w. clouds & haze Rain at night S. E

Dark stormy morn'. Rain all day Rain at night

September 1818.

1	56	61	59	50	66	58	54	91.0	9.10	S	overcast, w. a breeze Evening clear
2	54	59	54	48	61	50	50	9.17	9.30	S. W	Morning very clear — Clouds, & showers Night clear
3	59	60	54	60	65	52	52	9.43	9.61	S. E	Morn' clouded. — Clouds, wind & haze S. E
4	64	64	60	54	60	60	60	9.56	9.50	S. W. W	Heavy clouds — Heavy rain at 1 P.M. Thunder in the North. Clear night
5	63	63	57	55	66	56	56	9.47	9.55	S. S. W	Blowing, but mostly overcast w. clouds & haze.
6	54	59	57	50	65	55	55	9.42	9.37	W S W	Blowing & clouds Evening clear.
7	53	57	54	46	63	50	50	9.64	9.58	S. W	Blowing, w. some showers.
8	55	57	52	50	60	47	47	9.60	9.70	W. S. W	Fine, w. clouds & haze Rain at night
9	52	57	52	46	55	46	46	9.62	9.55	SE	Fine with clouds — Evening very clear clouds at night
10	53	56	51	45	58	40	40	9.73	9.76	SE	Very fine with clouds in Morn'. a shower at 8 P.M.
11	52	54	52	49	55	47	47	9.77	9.75	W. W	Fine, but clouded.
12	49	54	52	43	57	52	52	9.93	9.94	N W	Fine but dark — Evening & night clear
13	56	55	52	55	60	54	54	0.01	0.00	W S W	Clouded all day.
14	53	50	57	55	59	55	55	9.50	9.74	W S W	Rain & a high gale a very wet day
15	51	55	54	46	56	52	52	9.32	9.45	W. S. W	Blowing, w. clouds & showers. Thunder about noon in the East.
16	49	52	52	44	55	50	50	9.40	9.38	N W	Heavy showers & hail but clear.
17	52	54	51	51	58	51	51	9.80	9.85	W. W. W	Fair, but mostly cloudy Rain at night
18	56	56	54	56	63	58	58	9.45	9.70	SW	Rainy morning. Clouded, w. a breeze. rainy evening Rain falling rapidly
19	54	58	56	52	64	55	55	9.29	9.25	W. S. W	Very wet night & Morn'. Clouded day Clearer at night.
20	53	53	53	47	60	53	53	9.25	9.32	SW	Very thick fog in the Morn'. No wind in Morn'. Wind clear & a very brilliant Aurora Bore at 8 P.M. & after dark late at night the showers shooting past the Zenith.
21	55	54	53	53	55	52	52	9.00	9.00	SE	Rain — Very heavy rain. & storm
22	51	53	52	47	55	52	52	9.36	9.05	SW	Very wet Morning Evening clear
23	52	53	50	46	52	45	45	9.00	9.20	SE	Morning very clear — Exception rain after noon. & at night.
24	53	55	53	45	55	51	51	9.10	9.02	S. S. E	Blowing, w. clouds & haze. heavy shower.
25	57	57	53	40	59	53	53	9.30	9.22	S S W	Blowing hard with clouds — Night very fine
26	53	56	50	52	60	43	43	9.24	9.26	S. W	Morn' fine with clouds — Even' clouded & dark.
27	54	55	53	53	59	53	53	9.27	9.20	SE	Dark morn'. Rain at night
28	37	59	55	50	63	57	57	9.42	9.30	S S E	Heavy rain in the Morn'. Cloudy day & evening.
29	57	58	55	57	62	57	57	9.40	9.40	S. E	Blowing w. clouds & haze Rain at night S. E
30	56	57	57	55	60	57	57	9.29	9.30	S. E	Dark stormy morn'. Rain all day Rain at night

July 1870

Two fire-balls struck a house at Rilled in the County of Down, & much lightning appeared in the eve at several places.

July 1870

Two fire-balls struck a house at Rilled in the County of Down, & much lightning appeared in the eve at several places.

Observations

WIND Bar. Ther. in Ther. out days

Very dark but fair Morn. — Hazy day R. & R. Rain at night	SSE	9.20	9.30	9.32	56	57	55	53	60	54	1
Morn. very clear. Day clouded very hard gale at night	SSE	9.20	9.20	9.20	57	59	56	55	60	55	2
Morn. clear. Afterwards very cloudy & W & hazy, w. some rain. Heavy rain at night.	SW	9.05	9.05	9.00	55	58	55	53	56	51	3
clear very early blowing & dark. Evening very fine with an Aurora borealis NB the last Aurora preceded a great storm of rain & wind.	WSW	9.05	9.02	9.00	51	56	54	45	56	50	4
Morn. dark. — Some rain Evening very clear.	SW	9.05	9.05	9.00	49	52	51	44	52	48	5
Morn. fine — Afterwards some heavy clouds.	W.S.W	9.30	9.13	9.12	51	54	49	47	52	44	6
Morn. very fine — Clouded & hazy day W. & W	W.S.W	9.55	9.44	9.42	49	52	49	45	52	44	7
Morning dark but fair — Day, the same. Evening & night very wet.	W.S.W	9.55	9.63	9.60	53	53	50	51	53	50	8
Morning dark. — Day clouded Wind very high at night.	W.S.W	9.24	9.50	9.52	55	56	53	53	57	54	9
Morn. Wet. — Clouded day Clear at night.	W.S.W	9.13	9.12	9.12	51	53	55	50	58	55	10
Morn. fine with flying clouds — occasional very clear rain about 3.	SW	9.44	9.08	9.15	49	55	49	40	59	45	11
Blowing, but fair & pretty clear. Night & early Morn. Morn. & rain	S.W	9.26	9.30	9.12	51	53	47	49	50	43	12
Day fine — Night cloudy —	SW	9.40	9.25	9.05	54	56	52	50	58	51	13
Morn. cloud. Wind very high. Very wet & Windy	SW	9.31	9.30	9.20	56	57	55	55	60	56	14
Morn. clear — Day clouded W. Rainy — & also at night.	W	9.40	9.48	9.43	55	57	55	54	59	55	15
Wet & clouded Morn. day fine evening very clear.	SSW	9.42	9.50	9.40	51	58	54	40	50	53	16
Fine, w. clouds & a high breeze	W	9.00	9.76	9.75	53	56	51	51	57	53	17
Morn. dark & rainy — day clouded. Evening dark.	SSE	9.54	9.54	9.70	55	55	53	55	58	49	18
Very dark Morn. hazy day Wet even S. very heavy rain at night.	S.S	9.54	9.55	9.60	55	57	55	55	60	53	19
Fair, but overcast Night clouded	W.S.W	9.03	9.20	9.69	56	56	54	55	59	52	20
Clouded but fair Evening fine	SSE	9.70	9.86	9.80	53	58	56	51	61	56	21
Fine, but overcast, w. a breeze	W.S.W	9.75	9.70	9.73	53	54	52	50	57	51	22
Fine, but overcast	S.SW	9.95	9.82	9.82	52	53	53	50	57	51	23
Fine but overcast	SSE	9.95	9.95	9.96	49	50	51	47	47	40	24
Fair but overcast —	SW	9.82	9.85	9.94	48	51	49	40	50	47	25
Fine, but overcast — Some rain at night.	W.S.W	9.75	9.77	9.79	51	54	52	51	50	52	26
Blowing, but clouded — Some rain after night.	S.S	9.76	9.77	9.75	52	54	52	52	59	53	27
Fine, but overcast, w. a breeze	W.S.W	9.83	9.80	9.77	52	53	53	52	58	52	28
Fine, but overcast —	SW	9.80	9.83	9.96	53	56	53	52	58	53	29
Rain in the Morn. Clouded day Rain at night.	W.S.W	9.82	9.88	9.92	52	55	53	53	58	52	30
overcast Morn. & day & c.	W.S.W	9.60	9.64	9.70	52	54	52	52	56	52	31

October 1810.

Observations

WIND Bar. Ther. in Ther. out Days

Fair, but overcast.	W. S. W	9.48	9.37	9.25	9.23	9.34	9.45	9.55	9.70	9.67	9.47	9.37	9.30	9.20	9.10	9.05	9.18	9.20	9.37	9.42	9.46	9.49	9.30	9.10	9.23	9.60	9.58	9.75	9.90	9.73	9.67	9.58	
Mostly clouded, w. a breeze Some rain at night	W. S. W	9.52	9.40	9.27	9.20	9.30	9.43	9.53	9.67	9.70	9.51	9.40	9.30	9.27	9.00	9.30	9.22	9.33	9.40	9.45	9.50	9.40	9.40	9.18	9.23	9.42	9.46	9.58	9.70	9.90	9.73	9.67	9.58
Clearer weather. — overcast at night.	S	9.55	9.43	9.30	9.17	9.25	9.40	9.51	9.63	9.68	9.56	9.43	9.33	9.28	9.07	9.32	9.20	9.31	9.39	9.44	9.48	9.41	9.25	9.00	9.38	9.52	9.67	9.82	9.80	9.71	9.62		
Wet & very overcast	S. S. E	9.52	9.40	9.27	9.20	9.23	9.34	9.45	9.55	9.70	9.67	9.47	9.37	9.30	9.20	9.10	9.05	9.18	9.20	9.37	9.42	9.46	9.49	9.20	9.23	9.42	9.46	9.58	9.70	9.90	9.73	9.67	9.58
overcast & damp.	S. E	9.52	9.40	9.27	9.20	9.23	9.34	9.45	9.55	9.70	9.67	9.47	9.37	9.30	9.20	9.10	9.05	9.18	9.20	9.37	9.42	9.46	9.49	9.20	9.23	9.42	9.46	9.58	9.70	9.90	9.73	9.67	9.58
Mostly clouded w. a breeze — very wet night throughout. very wet mor. & day	W	9.52	9.40	9.27	9.20	9.23	9.34	9.45	9.55	9.70	9.67	9.47	9.37	9.30	9.20	9.10	9.05	9.18	9.20	9.37	9.42	9.46	9.49	9.20	9.23	9.42	9.46	9.58	9.70	9.90	9.73	9.67	9.58
Fine, but clouded — clear night	W. S. E	9.52	9.40	9.27	9.20	9.23	9.34	9.45	9.55	9.70	9.67	9.47	9.37	9.30	9.20	9.10	9.05	9.18	9.20	9.37	9.42	9.46	9.49	9.20	9.23	9.42	9.46	9.58	9.70	9.90	9.73	9.67	9.58
Blowing & clouded, w. a breeze — Lightning in the S. E. about 2 P.M.	W. S. E	9.52	9.40	9.27	9.20	9.23	9.34	9.45	9.55	9.70	9.67	9.47	9.37	9.30	9.20	9.10	9.05	9.18	9.20	9.37	9.42	9.46	9.49	9.20	9.23	9.42	9.46	9.58	9.70	9.90	9.73	9.67	9.58
Blowing & much overcast. much rain in the eve & night.	S. E	9.52	9.40	9.27	9.20	9.23	9.34	9.45	9.55	9.70	9.67	9.47	9.37	9.30	9.20	9.10	9.05	9.18	9.20	9.37	9.42	9.46	9.49	9.20	9.23	9.42	9.46	9.58	9.70	9.90	9.73	9.67	9.58
Wet day & night.	S. E	9.52	9.40	9.27	9.20	9.23	9.34	9.45	9.55	9.70	9.67	9.47	9.37	9.30	9.20	9.10	9.05	9.18	9.20	9.37	9.42	9.46	9.49	9.20	9.23	9.42	9.46	9.58	9.70	9.90	9.73	9.67	9.58
very overcast, with some rain	S. S. E	9.52	9.40	9.27	9.20	9.23	9.34	9.45	9.55	9.70	9.67	9.47	9.37	9.30	9.20	9.10	9.05	9.18	9.20	9.37	9.42	9.46	9.49	9.20	9.23	9.42	9.46	9.58	9.70	9.90	9.73	9.67	9.58
Pretty clear, w. a breeze. — Rain late at night.	S. S. E	9.52	9.40	9.27	9.20	9.23	9.34	9.45	9.55	9.70	9.67	9.47	9.37	9.30	9.20	9.10	9.05	9.18	9.20	9.37	9.42	9.46	9.49	9.20	9.23	9.42	9.46	9.58	9.70	9.90	9.73	9.67	9.58
A very wet & constant rain	S. E	9.52	9.40	9.27	9.20	9.23	9.34	9.45	9.55	9.70	9.67	9.47	9.37	9.30	9.20	9.10	9.05	9.18	9.20	9.37	9.42	9.46	9.49	9.20	9.23	9.42	9.46	9.58	9.70	9.90	9.73	9.67	9.58
Fine day, but very wet night	S. W	9.52	9.40	9.27	9.20	9.23	9.34	9.45	9.55	9.70	9.67	9.47	9.37	9.30	9.20	9.10	9.05	9.18	9.20	9.37	9.42	9.46	9.49	9.20	9.23	9.42	9.46	9.58	9.70	9.90	9.73	9.67	9.58
Some rain, w. a breeze.	W. S. W	9.52	9.40	9.27	9.20	9.23	9.34	9.45	9.55	9.70	9.67	9.47	9.37	9.30	9.20	9.10	9.05	9.18	9.20	9.37	9.42	9.46	9.49	9.20	9.23	9.42	9.46	9.58	9.70	9.90	9.73	9.67	9.58
Fine, w. clouds & haze	S. W	9.52	9.40	9.27	9.20	9.23	9.34	9.45	9.55	9.70	9.67	9.47	9.37	9.30	9.20	9.10	9.05	9.18	9.20	9.37	9.42	9.46	9.49	9.20	9.23	9.42	9.46	9.58	9.70	9.90	9.73	9.67	9.58
overcast, with some rain	S. S. W	9.52	9.40	9.27	9.20	9.23	9.34	9.45	9.55	9.70	9.67	9.47	9.37	9.30	9.20	9.10	9.05	9.18	9.20	9.37	9.42	9.46	9.49	9.20	9.23	9.42	9.46	9.58	9.70	9.90	9.73	9.67	9.58
Same as yesterday	S	9.52	9.40	9.27	9.20	9.23	9.34	9.45	9.55	9.70	9.67	9.47	9.37	9.30	9.20	9.10	9.05	9.18	9.20	9.37	9.42	9.46	9.49	9.20	9.23	9.42	9.46	9.58	9.70	9.90	9.73	9.67	9.58
Fine, w. a breeze & wind — clear night.	S. S. E	9.52	9.40	9.27	9.20	9.23	9.34	9.45	9.55	9.70	9.67	9.47	9.37	9.30	9.20	9.10	9.05	9.18	9.20	9.37	9.42	9.46	9.49	9.20	9.23	9.42	9.46	9.58	9.70	9.90	9.73	9.67	9.58
Clouded mor. — Fine w. a breeze	W. S. E	9.52	9.40	9.27	9.20	9.23	9.34	9.45	9.55	9.70	9.67	9.47	9.37	9.30	9.20	9.10	9.05	9.18	9.20	9.37	9.42	9.46	9.49	9.20	9.23	9.42	9.46	9.58	9.70	9.90	9.73	9.67	9.58
overcast — Rain in the eve & at night.	S. S. E	9.52	9.40	9.27	9.20	9.23	9.34	9.45	9.55	9.70	9.67	9.47	9.37	9.30	9.20	9.10	9.05	9.18	9.20	9.37	9.42	9.46	9.49	9.20	9.23	9.42	9.46	9.58	9.70	9.90	9.73	9.67	9.58
Clear mor. w. a breeze — afterwards clouds & haze. Clear night.	S. S. E	9.52	9.40	9.27	9.20	9.23	9.34	9.45	9.55	9.70	9.67	9.47	9.37	9.30	9.20	9.10	9.05	9.18	9.20	9.37	9.42	9.46	9.49	9.20	9.23	9.42	9.46	9.58	9.70	9.90	9.73	9.67	9.58
Clear mor. — afterwards overcast very clear at night.	W. S. W	9.52	9.40	9.27	9.20	9.23	9.34	9.45	9.55	9.70	9.67	9.47	9.37	9.30	9.20	9.10	9.05	9.18	9.20	9.37	9.42	9.46	9.49	9.20	9.23	9.42	9.46	9.58	9.70	9.90	9.73	9.67	9.58
overcast — w. some rain.	S. S. E	9.52	9.40	9.27	9.20	9.23	9.34	9.45	9.55	9.70	9.67	9.47	9.37	9.30	9.20	9.10	9.05	9.18	9.20	9.37	9.42	9.46	9.49	9.20	9.23	9.42	9.46	9.58	9.70	9.90	9.73	9.67	9.58
overcast & wet. & very damp.	S. S. E	9.52	9.40	9.27	9.20	9.23	9.34	9.45	9.55	9.70	9.67	9.47	9.37	9.30	9.20	9.10	9.05	9.18	9.20	9.37	9.42	9.46	9.49	9.20	9.23	9.42	9.46	9.58	9.70	9.90	9.73	9.67	9.58
overcast, w. a breeze — Heavy rain at night.	W. S. W	9.52	9.40	9.27	9.20	9.23	9.34	9.45	9.55	9.70	9.67	9.47	9.37	9.30	9.20	9.10	9.05	9.18	9.20	9.37	9.42	9.46	9.49	9.20	9.23	9.42	9.46	9.58	9.70	9.90	9.73	9.67	9.58
very overcast.	W	9.52	9.40	9.27	9.20	9.23	9.34	9.45	9.55	9.70	9.67	9.47	9.37	9.30	9.20	9.10	9.05	9.18	9.20	9.37	9.42	9.46	9.49	9.20	9.23	9.42	9.46	9.58	9.70	9.90	9.73	9.67	9.58
very overcast, w. some rain.	S. S. W	9.52	9.40	9.27	9.20	9.23	9.34	9.45	9.55	9.70	9.67	9.47	9.37	9.30	9.20	9.10	9.05	9.18	9.20	9.37	9.42	9.46	9.49	9.20	9.23	9.42	9.46	9.58	9.70	9.90	9.73	9.67	9.58
Same as yesterday	S. W	9.52	9.40	9.27	9.20	9.23	9.34	9.45	9.55	9.70	9.67	9.47	9.37	9.30	9.20	9.10	9.05	9.18	9.20	9.37	9.42	9.46	9.49	9.20	9.23	9.42	9.46	9.58	9.70	9.90	9.73	9.67	9.58

December 1818.

December 1810.

Observations	WIND	Bar.	Ther. in	Ther. out	Days
very overcast & met. ^{lightning at night.} clear up late at night.	N.W	9.53	46	48	1
Blowing & clouded. — very wet & stormy at night.	W. S.W S.W	9.55 9.50	46 41	47 42	2
Fine, w. some haze — Blowing at night.	S.W	9.10	40	36	3
Fine, w. some haze.	W. S.W	9.20	39	32	4
Clouded mor. — Fine day — haze & wind at night. afterwards much rain.	W	8.95	40	32	5
overcast, w. some rain wet & stormy night.	S.W	8.98	40	36	6
Blowing, w. clouds & rain. clear night. clouded & wet late.	S.W	9.00	39	40	7
very wet mor. clearer after noon. very clear night.	S.W	9.65	40	37	8
Fine mor. afterwards a thick mist. clouded night	Calmer S.W	9.90	37	30	9
very fine & clear — some clouds at night, afterwards clear	N.W	0.03	40	32	10
Fine, w. some clouds & haze	N.W	0.08	38	30	11
clouded & hazy.	Calmer	0.08	34	30	12
Same as yesterday	Calmer	0.07	35	32	13
Same as yesterday	Calmer N.W	0.09	35	34	14
Fine & clear. clouded night, & some rain	W. S.W	9.80	37	31	15
Fine clear day — some clouds & haze at night.	N.W	9.83	37	35	16
Blowing & clouded	S.W	9.60	38	38	17
Very clear mor. day & ev'g fine clear ev'g. clouded night.	W. S.W	9.77	38	36	18
Clouded, w. some rain dark blowing & t.	S.W	9.61	44	40	19
Rain — Very heavy rain all day & w. floods.	N.W	9.40	44	44	20
Most very fine fine day & night	W	0.14	40	37	21
Fine mor. afterwards clouds & a breeze	W. S.W	0.10	41	32	22
Clouds & mist hind	W	9.92	43	42	23
Very clouded — Fine day	W. S.W W. S.W	9.79	43	44	24
Cloud & high Wind	S.W	9.42	43	41	25
Clouds except for very short intervals — A good deal of rain	S.	9.35	46	44	26
Clouded — very occasionally clear.	S.W	9.90	44	45	27
very fine.	N.W	0.41	39	38	28
Same as yesterday	N.W	0.35	36	31	29
very fine w. some mist near the horizon	W. S.W	0.25	35	28	30
Morn' clouded dark day	S.W	0.26	30	34	31