

ML17.1(21) HERB. OBSERVATORY
ARMAGH.
January 1820
to
June 1821.

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January 1820.

Observations	WIND	Bar.	Ther. in	Ther. out days
overcast w. haze.	N.W.	9.27	27	1
A continual mist, & fall of hoar frost, or Rhime.	Calm	9.23	26	2
Hoar frost on the trees. Ground still covered thinly w. snow.	N.W.	9.27	26	3
overcast, w. some fall of snow.	N.W.	9.27	26	4
A good deal of rain.	S.W.	9.27	26	5
overcast & damp.	S.W.	9.27	26	6
overcast, mist & drizzle.	S.W.	9.27	26	7
overcast, w. a black frost.	N.W.	9.27	26	8
Same as yesterday	N.W.	9.27	26	9
A breeze & snow clouds.	N.W.	9.27	26	10
Blowing, w. clouds flying.	N.W.	9.27	26	11
Fine, but a good deal clouded.	N.W.	9.27	26	12
A fall of snow.	N.W.	9.27	26	13
very overcast & misty - some times dropping rain, or sleet.	N.W.	9.27	26	14
Same as yesterday	N.W.	9.27	26	15
Fine, w. some clouds & haze.	S.W.	9.27	26	16
Mostly clear, w. light haze.	N.W.	9.27	26	17
Hazy. High wind, much drift & snow at night.	N.W.	9.27	26	18
Snow very deep - Roads ob- = structed by wreaths of snow.	N.W.	9.27	26	19
Hazy. - Blowing at night.	N.W.	9.27	26	20
Hazy	N.W.	9.27	26	21
Light haze, & blowing wind. - overcast & stormy, late. Much rain, w. lightning about 13 in the eve.	S.W.	9.27	26	22
overcast, but fair. - Rain & wind in the eve & night.	S.W.	9.27	26	23
Blowing, w. clouds & haze. Clearer at night, but very damp.	S.W.	9.27	26	24
Much rain & smart wind. Some clearing at night. very damp.	S.W.	9.27	26	25
Damp, overcast & blowing. Some snow still remaining. Lightning, & stormy before. Blowing & hazy - Clouded night.	S.W.	9.27	26	26
Cloud, mostly w. a breeze. Some clearing at night.	S.W.	9.27	26	27
overcast, but fair.	S.W.	9.27	26	28
Same as yesterday	S.W.	9.27	26	29
Clouds & wind	S.W.	9.27	26	30

Feb. 1820.

Observations.	WIND	Bar.	Ther. in	Ther. out	Days
Damp & misty	Calon	9.32	43	40	1
Fine.	S. S. W	9.32	43	44	2
Clouded, but fair	S. W	9.30	43	42	3
A good deal of rain, & very clouded	Calon S. W	9.30	44	42	4
Very overcast, & some rain	Calon	9.30	45	44	5
Clouded, w. some light rain	S. W	9.30	44	43	6
Blowing & mostly clouded	S. W	9.51	45	47	7
Same as yesterday	S. S. W	9.50	45	45	8
Overcast, with a smart breeze.	W. N. W	9.50	43	44	9
Fine, w. some clouds.	W. N. W	9.70	43	40	10
Fair, but a good deal clouded, w. a breeze. A very wet eve. & night.	W. N. W	9.52	45	42	11
Fine, w. some clouds. Clear night.	N. W	9.07	45	46	12
A good deal of rain	S. W	9.07	40	41	13
Fine w. some clouds	N. W	9.03	40	38	14
Clouds & haze	W. S. W	9.00	41	39	15
Same as yesterday.	S. W	9.03	41	42	16
Clouds, haze & a breeze	S. W	9.07	40	41	17
Same as yesterday	S. W	9.03	37	38	18
Mostly overcast, but fine.	N. N. E	9.07	37	36	19
Same as yesterday.	S. N. E	9.03	36	32	20
A good deal of rain. Then clouded & blowing.	S	9.07	36	35	21
Fine, w. some clouds & a breeze.	N. N. E	9.50	36	34	22
Overcast. & a breeze.	W. N. W	9.13	36	36	23
Clouds flying, w. high wind	N. N. W	9.52	35	36	24
Clouds & a smart breeze.	N. N. E	9.07	36	35	25
Same as yesterday — clearer at night.	N	0.00	36	35	26
Fine w. some clouds day & night.	N. N. W	9.00	35	30	27
Fine, w. some clouds.	W. N. W	9.00	36	37	28
Mostly wet & clouded.	S. W	9.46	37	36	29

March. 1820.

Observations	WIND	Bar.	Ther. in	Ther. out	Days
Clouded & blowing	W	9.40	36	42	1
A considerable fall of snow, wt. heavy squalls.	N. E	9.42	37	38	2
showery & quite overcast	N. N. E	9.62	38	44	3
Clouded wt. a breeze. (snow still on the observatory grounds)	N. N. W	9.82	39	47	4
Fine, but overcast	N. N. W	9.98	37	42	5
Same as yesterday. (A small fall of snow) some rain at night.	N. W	0.11	35	40 1/2	6
Fine, wt. clouds & a breeze.	N. N. W	0.15	38	44	7
overcast, but fair	N. W	9.85	40	46	8
Clouded & blowing	N. W	9.73	40	48	9
Rather stormy. And mostly clouded.	S. S. E	9.20	40	45 1/2	10
Same as yesterday	S. S. W	9.12	40	45	11
Clouded mor. — but day.	S. S. W	9.29	39	44	12
Clouded night.		9.25	42	46	13
Clouded, wt. a breeze.	W. S. W	9.45	41	45	14
very overcast & damp, but blowing W	W	0.07	41	48	15
overcast, wt. a breeze — clear eve. — overcast again	W	0.03	46	49	16
overcast, but fine.	W. S. W	0.15	45	46	17
Fine, wt. a breeze, & some haze.	N. N. E	0.20	44	49	18
Fine, wt. clouds & haze. Clouded eve. — clear night.	N. W	0.18	42 1/2	48	19
Fine, wt. a mist in the morn. & clouds. Lightning at night late.	W. S. W	0.09	42	40	20
Fine, wt. a good deal of haze & clouds.	W. N. W	0.00	43	42	21
Blowing & clouded. wt. some rain.	S. W	9.62	45 1/2	45	22
Clouded & hot.	S. W	9.30	43	44	23
Squalls & heavy showers.	N. W	8.42	42 1/2	38	24
Clouds & a breeze. Pretty clear night.	N. N. W	8.87	41 1/2	35 1/2	25
Snow showers, wt. some hail & a smart wind. Clouded something.	N. W	9.29	39	41	26
Clouds & showers.	S. W	9.28	44	46	27
Same as yesterday	S. W	9.28	46	47	28
A good deal of rain, wt. clouds & haze.	S. W	9.50	49	48 1/2	29
Hazy & clouds, wt. a smart wind. very wet eve. and part of the night.	S. W	9.57	49	45	30
Fine, wt. clouds & a breeze.	S. W	9.65	48	46	31
Wind, clouds & some slight showers. Fine eve. very wet after mid-night.	W	9.65	46	44	32

Observations

WIND Bar. Ther. in Ther. out day

Blowing, wt. clouds.	N.W.	9.62	9.57	9.50	48	50	47	45	51	45	1
Some slight rain in the mor. overcast day. Fine con. &c.	N.W.	9.79	9.73	9.67	48	50	47	48	54	45	2
overcast, but fine.	N.W.	9.83	9.90	9.85	47	50	49	48	55	48	3
Clouded mor. but day & con. Clouded night.	S.W.	9.62	9.60	9.59	45	48	46	45	50	45	4
Blowing & quite overcast. very wet con. & night.	S.S.W.	9.18	9.35	9.44	43	46	44	44	48	44	5
Misty, Clouded. Showy rain & sleet. W. N.E. about 2 p.m. at end of thunder in the N.E. about 2 p.m.	W. N.W.	9.02	9.00	9.00	43	47	42	42	48	39	6
Showy & misty Clouded. Clear night.	S.W.	9.07	9.10	9.06	42	44	41	36	45	40	7
Fine, but Clouded. Showy. Thunder & lightnings at sundown.	N.W.	9.99	8.96	9.00	42	45	43	42	50	42	8
Fine, wt. some clouds & slight showers.	N.W.	9.25	9.15	9.10	43	46	42	42	46	43	9
Fine, wt. some haze.	N.W.	9.17	9.12	9.17	42	47	44	40	49	42	10
Fine, wt. clouds & haze - hail showers.	W. S.W.	9.40	9.30	9.25	43	46	43	38	51	43	11
Heavy showers. wet mor. the evn.	N.E.	9.48	9.46	9.44	44	48	44	43	53	45	12
Fine, with a smart breeze. some rain at night	W. N.W.	9.52	9.54	9.52	46	50	44	45	52	40	13
Wet in the mor. Clouds & a breeze. Some rain at night.	W. N.W.	9.47	9.45	9.45	44	48	45	44	49	42	14
Some clouds & slight showers clear at night. rain before mor.	W	9.63	9.59	9.53	42	50	46	42	50	43	15
Fine, but Clouded - some rain at night	N.W.	9.82	9.77	9.73	48	51	50	45	53	45	16
Fine overcast weather. some rain at night	W. S.W.	9.98	9.98	9.89	49	53	49	48	56	46	17
Clouded wt. a breeze.	S.S.W.	9.95	9.88	9.92	50	53	50	50	58	50	18
Haze, clouds & a breeze.	S.S.W.	9.76	9.75	9.80	50	52	49	48	55	47	19
Fine, but Clouded.	W. N.W.	9.95	9.93	9.85	52	56	51	52	57	49	20
Fine, but Clouded.	S.S.W.	0.03	0.00	0.00	52	55	53	50	60	53	21
Fine, wt. haze & light clouds & a breeze. pretty clear night.	N.W.	0.14	0.14	0.10	56	61	55	52	60	51	22
Fine, wt. some haze. - distant hale around the moon. disappeared before 10.	N.E.	0.38	0.30	0.25	57	60	55	52	60	52	23
Very fine.	N.E.	0.40	0.45	0.43	57	61	56	53	63	53	24
Same as yesterday, wt. some float- ing clouds. clear at night.	N.W.	0.28	0.28	0.23	58	62	58	53	66	55	25
Blowing, wt. clouds.	N.W.	0.80	0.77	0.85	48	53	55	40	52	54	26
Fine, but overcast	N.W.	0.75	0.84	0.83	46	49	47	37	46	42	27
Blowing & overcast - some rain in the evn. Clouded night.	S.W.	0.60	0.60	0.54	45	49	46	40	52	43	28
Fine, wt. clouds & a breeze clear evn	W. S.W.	0.87	0.77	0.70	49	52	49	43	55	45	29
Fine, but Clouded.	W. S.W.	0.10	0.05	0.00	49	52	47	45	56	47	30

April 1820.

May 1820.

observations	WIND	Bar.	Ther. in	Ther. out	day
Fine, with a good deal of clouds.	N. W.	0.07	57	47	1
Clear eve. & night.	S.	0.04	57	50	2
Fine, w. some haze.	S.	0.02	57	50	3
Haze & a breeze	N. W.	0.00	57	50	4
Some white clouds & a breeze	N. W.	0.01	57	50	5
Same as yesterday - cloudy	N. W.	0.01	57	50	6
con. & night, w. some rain.	N. W.	0.04	57	50	7
Fine moderate rain. better	N. W.	0.08	57	50	8
after noon, till 6 p.m. Clearer at night.	N. W.	0.08	57	50	9
overcast - thick haze -	N. W.	0.08	57	50	10
met at night.	N. W.	0.08	57	50	11
met & blowing - finer in	N. W.	0.08	57	50	12
the afternoon, but cloudy	N. W.	0.08	57	50	13
Heavy clouds - Thunder, very	N. W.	0.08	57	50	14
distant in the north.	N. W.	0.08	57	50	15
Heavy rain, thunder & light	N. W.	0.08	57	50	16
ening	N. W.	0.08	57	50	17
Heavy rain, thunder & light	N. W.	0.08	57	50	18
ening, nearer than on yesterday.	N. W.	0.08	57	50	19
Blowing & cloudy. w. some	N. W.	0.08	57	50	20
rain. & much distant thunder in the east.	N. W.	0.08	57	50	21
Clouded & met.	N. W.	0.08	57	50	22
Rain nearly constant.	N. W.	0.08	57	50	23
very wet mor. cloudy day.	N. W.	0.08	57	50	24
showed in the afternoon, & thunder	N. W.	0.08	57	50	25
in the eve. & night.	N. W.	0.08	57	50	26
Fine, w. some clouds & a breeze.	N. W.	0.08	57	50	27
Distant thunder, nearly the whole day.	N. W.	0.08	57	50	28
Clouds & some showers.	N. W.	0.08	57	50	29
clouds, haze & a breeze.	N. W.	0.08	57	50	30
Blowing, w. clouds & haze.	N. W.	0.08	57	50	31
at vet. eve. - clear night.	N. W.	0.08	57	50	32
Fine, w. clouds, haze & a breeze.	N. W.	0.08	57	50	33
Blowing, cloudy, & some	N. W.	0.08	57	50	34
showers. Rain at night.	N. W.	0.08	57	50	35
Blowing, w. clouds & haze.	N. W.	0.08	57	50	36
Haze & a breeze. - cloudy	N. W.	0.08	57	50	37
night.	N. W.	0.08	57	50	38
A considerable fall of rain.	N. W.	0.08	57	50	39
clear in the afternoon. Cloudy night.	N. W.	0.08	57	50	40
overcast, & some rain. Very heavy	N. W.	0.08	57	50	41
showers in the afternoon - clearer night.	N. W.	0.08	57	50	42
showing.	N. W.	0.08	57	50	43
Remarkably met. - cloudy	N. W.	0.08	57	50	44
night.	N. W.	0.08	57	50	45
overcast, with a good deal of rain.	N. W.	0.08	57	50	46
Same as yesterday. but not so	N. W.	0.08	57	50	47
much rain	N. W.	0.08	57	50	48
clouded & blowing.	N. W.	0.08	57	50	49
Clouds, light showers, & a met	N. W.	0.08	57	50	50
breeze.	N. W.	0.08	57	50	51

From the 9th to the 16th of this month, both inclusive, thunder & lightning prevailed continuously here, & for 20 miles round about, the only exceptions were the 13th & 14th.

This day a house in Benlue, was struck by lightning.

This morning about 6, there was a thunder-storm in the neighbourhood of Aghmashay & Caladon; and two days & even it went round by the W. & S.W. & a house was struck by the lightning, near the Bann-foot, & a dog killed; also a ditch torn in Clentilew.

June 1820.

Observations	WIND	Bar.	Ther. in	Ther. out	Days
Overcast - some rain & a breeze	N.W.	9.11	50	51	1
^{clouded mor.} Flying clouds, & a brisk wind	N.W.	9.13	50	52	2
Same as yesterday	N.W.	9.20	51	52	3
Fine, but overcast	N.W.	9.47	50	52	4
very overcast, w ^t some light rain.	N.W.	9.69	52	52	5
Fine, w ^t clouded sky & a breeze.	N.W.	9.75	52	51	6
Same as yesterday	N.W.	9.72	51	50	7
Clouded, w ^t a breeze, & some very light rain.	N.W.	9.88	51	50	8
Blowing, clouded, w ^t some rain. Flying clouds -	W.S.W.	9.77	52	52	9
Flying clouds & slight showers.	N.W.	9.53	52	48	10
very wet mor. till near noon. Clouded & blowing day & eve. Fine night late.	N.W.	9.58	52	46	11
Fine, w ^t small white clouds.	N.W.	9.37	52	58	12
Clouded & blowing	N.W.	9.63	51	48	13
overcast w ^t some light rain. heavier rain after noon. Clouded night.	N.W.	9.78	53	52	14
Fine, but clouded, w ^t slight showers. some rain late.	N.W.	9.90	56	55	15
overcast, w ^t some very light showers.	N.W.	9.78	53	60	16
Fine, w ^t a breeze, but clouded.	W. N.W.	9.80	54	62	17
A fine. Clouded mor. - A very wet afternoon & eve. - Clouded night.	N.W.	9.77	57	57	18
Blowing, w ^t pretty wet rain.	S.W.	9.72	50	52	19
Fine, but clouded.	W.	9.36	52	55	20
Fine, w ^t some clouds - overcast eve. - some rain at night.	S.W.	9.47	60	55	21
Blowing & clouded. some rain in the eve. Clouded night.	S.	9.68	59	61	22
some rain in the mor. Clouds, haze & a breeze. Fine clear night.	S.S.W.	9.75	60	70	23
Fine, w ^t a brisk breeze.	W.	9.91	65	67	24
Same as yesterday.	S.W.	0.09	67	73	25
Very fine. A mist late.	W. N.W.	0.23	70	75	26
Fine, w ^t some clouds	N.W.W.	0.24	72	75	27
Same as yesterday	N.	0.20	72	75	28
Clouds & a breeze. A shower or storm at Longford.	N.	0.10	71	72	29
Clouds & a breeze.	N.	0.06	71	69	30

July 1820.

Observations	WIND	Bar.	Ther. in.	Ther. out.	Days
overcast, w ^t some rain in the evn	S. W	29.97	60	57	1
Blowing & Clouded, w ^t some slight showers.	W. W. W.	29.99	64	55	2
Clouds, showers & a breeze.	W. W.	29.80	62	55	3
Fine w ^t some clouds	W. W. W.	29.84	60	52	4
Same as yesterday	W	29.92	61	52	5
Same as yesterday	W. S.	29.98	62	54	6
Clouded mor. — clear evn	W. W. W.	29.92	64	56	7
Clouds & a breeze	W. W. W.	29.96	62	57	8
Clouds & haze	W. S.	29.99	62	60	9
Same as yesterday	S. S.	29.85	62	60	10
Fine, w ^t some clouds clouded evn & night.	S. W	29.78	63	61	11
A shower about 2 in the mor. one after noon, & one about 6 p. m.	S. W. S.	29.72	64	65	12
Some haze, clouds & a breeze	S. S.	29.68	64	62	13
Same as yesterday	S. S.	29.65	62	60	14
Rain before day light, & early in the mor. — Clouded day.	S. S. S.	29.70	65	62	15
Clouds, haze & a breeze	S. S.	29.75	65	61	16
Rain in the mor. — Blowing & clouded. Constant & wet rain from 1 till 6 p. m. Very wet from 1 till 10. A. M. Clouded day. Fine evn	S. S. S.	29.75	65	60	17
Shower, early. Fine day, but clouded.	W	29.77	63	57	18
Fine, but overcast	W	29.78	63	56	19
Fine, w ^t clouds & a breeze showers. Clouded evn & n.	W. W.	29.74	61	54	20
overcast & blowing	W. W.	29.75	58	53	21
overcast, with a breeze	W. W. W.	29.70	59	54	22
overcast. wet afternoons. Clear late.	S. W	29.69	58	53	23
Clouds & showers, w ^t a breeze clear night. Clouded between & mor. overcast w ^t a smart breeze & some mizzles. Rain in the evn	W. W.	29.72	60	54	24
very wet early — Blowing, w ^t clouds. Rain in the evn	W. W. W.	29.70	61	56	25
Clouded & blowing	S. W	29.62	62	57	26
Rain in the mor. & evn. Clouded & blowing	S. W	29.60	63	59	27
Rain in the mor. & fine w ^t clouds & a breeze.	S. S. S.	29.59	64	60	28
Clouded & wet mor. — Rain after noon. — wet evn. Dis- tant Thunder in the S. & S. E.	S. S. S.	29.55	64	60	29
	S. S. W	29.55	61	62	30
			61	61	31

August 1820.

Observations	WIND	Bar.	Ther. in	Ther. out	Days
Clouded, wt. a good deal of rain.	S.W	9.40	62	61	1
Hazy mor. very wet afternoon & also at night.	W.S.W	9.44	60	60	2
Very wet, nearly thro' out.	S.W	9.48	64	61	3
Clouds & Showers. Distant Thunder in the East. Very wet eve.	S.W	9.49	64	60	4
Showery & Clouded.	S.W	9.50	62	60	5
Thunder, early, in the W. & S. E. Showery day. Thunder in the eve. wt. the W.W. (Clouds)	S.W	9.53	61	60	6
Showery & Clouded	W	9.54	60	59	7
A great deal of rain, & a most wind. Floods.	S.W	9.57	59	58	8
Showers, & a most glaci. Clear eve. and night.	W.W	9.58	58	57	9
Blowing & Clouded.	W.W	9.59	57	56	10
Same as yesterday	S.W	9.60	57	56	11
Fine, but Clouded	W.S.W	9.61	57	56	12
Same as yesterday, but wet in the eve. Calm	S.W	9.62	57	56	13
Rain early. Fine day, wt. clouds & a breeze.	W.S.W	9.63	57	56	14
Much rain, & some distant Thunder.	S.W	9.64	57	56	15
Distant Thunder in the mor. towards the S. Fine, wt. clouds & a breeze.	W.S.W	9.65	57	56	16
Hazy eve. - very wet night Calm.	S.W	9.66	57	56	17
Rain early. Showers. Blowing day wt. flying clouds. Clear at night.	W.W	9.67	57	56	18
Fine, wt. clouds.	W	9.68	57	56	19
Showery. - Fine eve. Clear night.	W.W	9.69	57	56	20
Clouded, wt. some mizzle.	W	9.70	57	56	21
Fine, but a good deal Clouded, wt. some very slight mizzle. Clear eve. & night. A white frost before sunrise. - Fine, wt. clouds & a breeze. Breeze at night.	N.W	9.71	57	56	22
Fine, wt. a breeze & some white clouds. A good deal of rain at night. In the mor. - Clouds & a breeze. Rain in the eve. & night. Rain in the mor. Blowing day.	W.S.W	9.72	57	56	23
Clouds & Showers, wt. a breeze	S.W	9.73	57	56	24
Showery - Thunder & lightning in the S.E. between 6 & 8 P.M. remarkable fall of rain.	S.W	9.74	57	56	25
Showery.	W.W	9.75	57	56	26
Fine, wt. clouds & a breeze	W	9.76	57	56	27
Fine, but mostly overcast. Clear at night.	W	9.77	57	56	28
Fine mor. wt. haze. Rain all day, clear at night.	W.W	9.78	57	56	29
		9.79	57	56	30
		9.80	57	56	31

Observations

WIND Bar. Ther. in Ther. out Day

Fine, w. mist near the horizon, & afterwards rather clouded.	W. W.	9.92	9.92	9.91	57.3	58.2	57.2	47	60	48	1
Fine, w. some clouds.	N.W.	9.92	9.92	9.92	57.6	61-	57.4	51	61	50	2
Mist in the mor. Fine day &c.	N.W. & E	9.92	9.92	9.92	57	61	56	51	61	52	3
Fine, w. some clouds & a breeze.	W. N.W. & S.	9.92	9.83	9.90	57	62	58	58	61.2	54	4
Fine, w. a breeze & clouds & haze.	S.W.	9.77	9.77	9.79	58	62+	59	57	67	59	5
Same as yesterday	S.E.	9.70	9.76	9.76	59.2	63.2	59	58	67	60	6
Mostly overcast. — Heavy rain &c. — between 2 & 3 P.M.	S.W. & N.W.	9.80	9.71	9.70	57	61	59	56	63	57	7
Fine, w. clouds & a breeze.	W. S.W.	9.80	9.03	9.95	58	62	58	57	66	58	8
Hazy, w. a smart breeze. Rain at night.	S.W.	9.80	9.08	9.94	60	63	59	58	66	58	9
Clouds & a breeze.	W. S.W.	9.77	9.75	9.77	61	64	60	56	65	58	10
Fine & clear, w. a gentle breeze.	N.W. & S.	9.88	9.90	9.85	61	66-	62	60	65	56	11
Fine, w. haze, clouds & a breeze	S.W.	9.75	9.77	9.80	60	65	61	61	69	60	12
Clouded, mor. Wet day & ev. & night.	N.W.	9.77	9.77	9.75	58	62	59	54	58	58	13
Wet mor. — Blowing day, w. clouds. very wet night.	S.W.	9.77	9.43	9.55	57	60	56	56	61	55	14
Very showery and blowing	W. N.W.	9.40	9.32	9.30	56	58.2	57	52	57	54	15
Blowing, w. clouds.	W. S.W. & N.W.	9.67	9.65	9.60	54	58	55	52	58	50	16
Fine, w. clouds & some slight showers.	W. N.W.	9.62	9.63	9.64	53.2	56	53	50	50	52	17
Same as yesterday, w. some hail. Clear night. overcast, late.	W. N.W. & N.W.	9.68	9.56	9.58	49	53	50	40	51	45	18
Fine, w. some clouds & very slight showers. Clouded night.	N.W. & S.W.	9.70	9.80	9.76	50	52.2	50	47	52.2	43	19
Stormy & wet mor. early — Fine day? ev. &c.	N.W. & N.W.	9.20	9.24	9.30	50	54	50	40	52	42	20
Showers. — Clear at night.	W. N.W. & S.	9.31	9.10	9.13	50	52.2	50	45	49	43	21
overcast mor. early — Same all day, ev. &c. w. some showers.	N.W.	9.52	9.52	9.45	49	53	50	47	55	45	22
very wet. Continued rain during 18 hours. Floods.	W. N.W.	9.52	9.52	9.52	51	54	52	46	54	48	23
Blowing, & showers	W. N.W.	9.48	9.50	9.51	50	53	50	44	52	45	24
Same as yesterday	N.W. & S.	9.67	9.44	9.47	50	53	50	44	50	43	25
Clouded w. slight showers?	N.W.	9.94	9.94	9.90	48	51	48	46	51	45	26
Same as yesterday	N.W.	9.85	9.90	9.91	49	52	49	44	53	46	27
Quite overcast, but fair. Clear at night	N.W.	9.70	9.63	9.68	50	54	50	45	55	47	28
Fine clear mor. slight rain after noon — Clouds & haze ev. & night.	N.W.	9.87	9.90	9.82	49	52	48	46	54	45	29
Clouded mor. very wet & windy from 0 A.M. till 6 P.M. — Clear night.	S.W.	9.72	9.47	9.60	48.2	50.2	47	45	51	45	30

September 1820.

- This night at 11 P.M. a meteor, as bright as α , appeared to move about 35° down the meridian, to the south horizon. R. H.

October 1820.

Observations	WIND	Bar.	Ther. in	Ther. out	day
Clear mor. Blowing day w th some showers — Clear late	W. S. W	9.79	48	47	1
Clear mor. afterwards hazy, but fine. Clear night.	W. N. W	9.87	50	47	2
Fine, but overcast — Clear late	W. W	9.79	51	50	3
Fine, w th a breeze & some clouds	S. E	9.87	52	47	4
Misty — Heavy clouds.	E	9.79	50	48	5
Fine, but overcast, & a breeze	E. S. E	9.87	50	45	6
Same as yesterday	E	9.79	50	47	7
overcast, but fine	E. S. E	9.87	51	46	8
Same as yesterday	W. E	9.79	50	45	9
overcast, but fine	W. E	9.87	51	47	10
mottly overcast, but very fine	W. E	9.79	52	46	11
Very fine, but overcast	W. E	9.87	51	46	12
Very fine, w th some clouds. Clouded night.	S. W	9.79	50	42	13
overcast & blowing w th showers. Stormy late & before mor.	E. S. E	9.87	49	42	14
Blowing, w th some rain. Very stormy during the night.	S. W	9.79	48	44	15
Blowing & showery. Very heavy rain at night.	S. W	9.87	46	40	16
Showery & blowing	W	9.79	44	40	17
Same as yesterday — Clouded evn. Clearer night.	W. N. W	9.87	45	41	18
overcast, mottly, & some rain but in the afternoon	W. S. W	9.79	45	40	19
overcast. Clearer late. w th some showers.	W. W	9.87	46	40	20
Fair, w th clouds & haze, then some rain. A very wet night.	W. W	9.79	43	40	21
Some showers, & a smart gale	S. W	9.87	43	41	22
Fine mor. overcast day wet evn & night.	S. E. W	9.79	42	39	23
overcast, but fair. Clear at night.	S. W	9.87	44	39	24
Blowing, but fair. Clear evn & night.	W. W	9.79	46	42	25
but mor. Clouded day very wet at night	S. W	9.87	46	41	26
Blowing —	W. N. W	9.79	45	40	27
Fine, w th a breeze. Much rain at night late, or early next mor.	W	9.87	42	37	28
Mottly fine, some showers.	W. W	9.79	41	38	29
Fine, w th some clouds & a breeze	W. N. W	9.87	42	39	30
Much rain	S. W	9.79	43	41	31

November 1820.

Observations	WIND	Bar.	Ther. in	Ther. out	Day
Fine, w. a breeze	S.S.W	9.28	40	42	1
Fine clear mor. Clouds after noon. & some slight showers - clear night	S.W	9.23	40	42	2
Fine & clear. Some clouds at night.	W.S.W	9.57	41	41	3
Fine, but light haze. Clouded late	W.W	9.65	42	41	4
Rain in the mor. overcast day even & night.	S.W	9.52	43	42	5
overcast, w. some slight rain	S.W	9.38	44	44	6
Same as yesterday.	S.	9.42	45	45	7
Very damp & overcast.	Calon W.S.W	9.75	44	46	8
Fine, but overcast. Clear in the eve. - Clouded night.	W.S.W W.S.	9.87	46	44	9
Fine, but overcast.	W.W.W	9.99	42	44	10
Very fine clear day. Clouded eve. & night	N.E	0.03	43	43	11
Clouded, w. some rain in the eve.	W.N.E	9.70	41	43	12
Blowing, but clear. Clouded eve. & a good deal so at night.	W.W.E	9.66	40	41	13
Clear mor. Afternoon Clouded Clear at night.	N.E	9.82	40	41	14
Misty & Clouded mor. Clear after noon. & night.	W.E	9.78	37	37	15
Blowing & overcast. Rain at night, & quite overcast.	W.W.W	9.49	38	37	16
Fine. Clouds & slight rain in the afternoon. Clear eve. & night.	W.W	9.37	40	40	17
Fine mor. Hazy afternoon Clouded night.	W	9.47	40	39	18
Fine, but hazy. Clouded night. Heavy & constant rain, till mor.	W.S.W S.E	9.30	43	42	19
Clouds. - Clouded w. from midnight some rain. very damp.	S.S.W	9.19	44	44	20
Very wet. Clearer at night	S.S.W	9.28	44	44	21
Fine, w. some clouds. Misty night.	W	9.36	43	45	22
Misty mor. fine day - clear night.	W.W	9.37	40	42	23
very misty.	W.W	9.36	38	37	24
overcast & wet.	W.W.E S.S.E	9.35	40	40	25
Fine, but clouded	S.S.E	9.45	42	42	26
Same as yesterday	W.E	9.70	44	43	27
Fine overcast weather.	S	9.97	42	43	28
A continuance of the same	W.W.E	0.02	42	41	29
Same continued	W.W	0.04	41	42	30

December 1820.

observations	WIND	Bar.	Ther. in	Ther. out	Days
very overcast & some mizzle	Caln W.W	9.80	40	39	1
Clouded w ^t some rain in the mor. Clearer day. Much rain at night.	W.W S.W	9.90	42	39	2
Rain early. Clouded day w ^t some rain. same ev. & night.	S	9.84	42 1/2	41	3
Clouded, but fair w ^t a breeze. At night.	S.W W.W	9.52	42	45	4
Much rain day & night.	S.W	9.60	45	45	5
Floods. — Dark & Damp w ^t a good deal of rain.	S.S.W	9.57	46	45	6
Same as yesterday	W.W.W	9.61	45	46	7
overcast, but mostly fair	S.W	9.64	47	46	8
Blowing w ^t a good deal of rain very wet at night.	W.S.W W.W.W	9.70	48	47	9
Clouded, but fair. — Heavy rain at night.	S. S.S.	9.50	46	46	10
overcast, but fine. Heavy rain at night.	S.	9.53	47	46	11
Blowing & very wet.	W.S.	9.55	46	44	12
Blowing, but fair & pretty clear.	W.S.	9.50	42	38	13
Fine, but Clouded	W.S.	9.60	38	36	14
Blowing & a good deal Cloud- ed.	W.S.	9.67	35	34	15
A considerable fall of snow & rain	S.S.	9.35	36	36	16
Fine, but overcast.	S.S.S.	9.10	39	40	17
Blowing w ^t showers.	S.W	9.32	40	42	18
Fine, w ^t clouds & a breeze	W.W	9.49	44	44	19
overcast, but fair.	S.W	9.92	44	46	20
Fine, but overcast.	W	9.70	44	44	21
Same as yesterday	W.W	9.80	43	42	22
Clouded, misty, but fine.	W.S.	9.78	42	40	23
Same as yesterday	W.S.	9.73	41	40	24
Fine, w ^t some clouds & a breeze. Clouded night	W.S.	9.74	40	37	25
overcast, w ^t some snow & sleet	W.S.	9.77	40	38	26
thick clouded, & some sleet.	S	9.74	37	35	27
Blowing & a good deal of clouds	S.W.S	9.70	35	34	28
overcast, but fair	W.S.	9.83	37	36	29
Same as yesterday	W.W.S	9.84	33	32	30
Fine overcast weather.	W.W.S	9.87	33	31	31