

M 117.1 (12)

THE OBSERVATORY
ARMAGH.

March 1808
to
March 1809.

January 1800

Observations	WIND	Bar.	Ther. in	Ther. out	Days
over-cast mor. clear day at night damp & rain	W S W	0.4	0.65	40	1
cold fine day overcast night	W	0.70	0.59	39	2
posty rain fine day bright	SW	0.7	0.59	37	3
wet, then overcast & high wind	SSW	0.4	0.59	36	4
Heavy rain, cloud afternoon grey day	S	0.7	0.59	37	5
overcast heavy day, very damp	W	0	0.59	38	6
overcast heavy day very damp	W	0.15	0.59	39	7
overcast dark morning, hazy day & overcast heavy night	W	0.2	0.59	40	8
soft heavy rain calm fog hazy all day & night	SSW	0.25	0.59	41	9
blowing fresh wet & hazy	W S	0.8	0.59	42	10
overcast day some showers	W S	0.75	0.59	43	11
overcast damp evening	W S	0.52	0.59	44	12
very heavy & overcast at night high wind & rain	W S	0.0	0.59	45	13
violent gale of wind, calm at night	S	0.85	0.59	46	14
fine calm fresh & good high	W	0.0	0.59	47	15
Cold heavy day, at night fresh	W S	0.1	0.59	48	16
Clear fine fresh. Hazy & continued fresh	variable calm	0.3	0.59	49	17
overcast heavy damp day & night	S	0.1	0.59	50	18
Damp overcast & hazy. in afternoon	W	0.6	0.59	51	19
Slight showers then heavier continued fresh	W	0.6	0.59	52	20
Clouded fresh & drizzle	W	0.8	0.59	53	21
Wet fog & thick Hazy day at night	W	0.6	0.59	54	22
very fine mild open seas	W	0.5	0.59	55	23
fine moon cold day with a little rain blowing fresh	SW	0.15	0.59	56	24
fresh with sun so all day at night hard fresh	SW	0.02	0.59	57	25
hard fresh slight snow then	W S	0.15	0.59	58	26
much snow - cold to of late blat & there	S	0.7	0.59	59	27
showers heavy gal	W S	0.9	0.59	60	28
fresh in the morning then	W	0.4	0.59	61	29
fresh misty fog calm, then warm & blowing away the fog day a heavy shower in evening	SW	0.5	0.59	62	30
	W	0.3	0.59	63	31

February 1808 ED

Observations	WIND	Bar.	Ther. in			Ther. out			Day
overcast squally snow Heavy constant rain from 20 (last P.M.)	NW.	9.4	41	43	40	42	45	42	1
constant rain fresh breeze and some shower of sleet & hail	WGS	9.1	40	43	42	40	45	45	2
hazy day threatening rain.	WGS	9.0	37	40	38	33	41	35	3
overcast hazy day blowing at night	W	9.0	40	39	37	44	44	35	4
blowing light fair day. some showers. hazy at night	W	9.05	40	43	40	40	46	42	5
blowing & heavy breeze day	NW	9.2	42	43	41	44	46	42	6
Heavy snow showers then fair	WGS	9.3	39	40	38	40	43	35	7
Hand fresh then heavy snow day fair	NW	9.5	38	38	35	33	37	30	8
fine frosty day & night	NW	9.5	34	38	34	28	37	31	9
fine frosty clear day and at night	N	9.7	34	37	34	30	34	28	10
Most heavy snow in evening snow high wind from ENE	various	9.8	34	35	35	28	33	35	11
deep snow the hard clear frost.	NW	9.8	31	35	32	25	30	26	12
very fine clear frost.	N	9.9	32	36	31	24	32	25	13
moderate & calm light then afternoon	S.	9.8	32	32	30	38	39	30	14
Hazy & calm all day.	SW	9.8	36	36	35	39	43	37	15
light fog all day & dark night.	WS	9.7	38	39	35	41	45	39	16
Hazy at times and thick fog.	S	9.02	40	41	39	45	48	43	17
soft overcast & hazy day	SW	9.9	44	42	41	51	52	46	18
very fine clear overcast day	W	0	46	46	42	50	53	49	19
Fog after a bright night	NE	0.23	42	42	40	44	46	36	20
fine clear thick fog on the hills	SE	0.24	42	44	42	42	44	44	21
Heavy frost & bright day	SE	0.3	40	45	38	36	44	32	22
thick fog till 4 P.M. then clear again hazy.	SE	0.33	40	40	40	35	43	36	23
overcast & calm	E	0.58	37	37	38	37	37	38	24
as yesterday but less wind	E	0.53	37	39	37	36	39	37	25
as yesterday but more wind fine day	NW	0.35	38	38	36	36	39	36	26
overcast day light showers	NW	0.2	40	43	38	38	50	39	27
overcast day & light showers	NW	0.12	43	44	42	47	49	46	28
overcast fine mild calm day & night	NW	0.13	45	45	44	49	54	49	29

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March 1808.

Observations	WIND	Bar.	Ther. in	Ther. out	Days
overcast damp day fresh breeze the same all day & evening	W	0.2	45	47	1
overcast dry day fresh breeze	W	0.2	46	48	2
overcast day & sun dry & calm	W	0.2	46	48	3
overcast sky fine mild calm day the same afternoon	SE	0.2	44	42	4
Heavy frost & calm sky fine day	SE	0.2	42	37	5
very fine bright day & clear heights	SE	0.24	44	38	6
very fine day bright & overcast by turn	E	0.22	40	37	7
very fine bright day & light clouds	ENE	0.2	40	34	8
Bright & overcast by turn overcast E. & light variable	ENE	0.2	40	40	9
overcast & cloudy sky. very calm overcast night & fresh breeze very cold.	SE	0.2	40	39	10
Bright morning & mostly bright day light cold wind	SE	0.14	39	35	11
overcast hazy day & blowing & bright	SE	0.07	40	37	12
Heavy frost & fog - fine grey overcast day moderate & calm light the same	ENE	0.0	39	36	13
calm overcast day heavy sky.	SE	0.8	39	38	14
overcast & blowing moderately fresh	SE	9.68	38	37	15
overcast & blowing fresh very cold day	SE	9.68	40	38	16
little rain early in the morn overcast & cold day	SE	9.9	38	38	17
overcast sky as yesterday. very cold & some light sleet or small hail.	SE	9.6	37	36	18
Slight rain & high wind most of the day & sun	SE	9.15	36	36	19
blowing fresh a little rain some rain & light wind all forenoon overcast	SE	9.2	40	44	20
rain in the night soft morn & overcast overcast & damp with small rain at times	NE	9.56	40	40	21
overcast sky & cold wind rain in the night	SE	9.84	39	40	22
very cold overcast & small drops of sleet at times overcast night	ENE	9.9	38	38	23
overcast cold & some drops of sleet or small hail night at times bright	NE	9.7	39	36	24
ground white with small snow. morn sun overcast day sky & blowing	E	9.68	37	36	25
overcast with dark clouds fresh breeze	E	9.72	40	36	26
overcast & hazy sky cold wind as usual	E	9.9	37	37	27
overcast morn & day - bright even & night	E	9.97	38	37	28
fine bright day & sun	SE	0.0	40	35	29
very cold wind & mostly overcast sky dark overcast even & night	SE	9.9	38	36	30
overcast day light clouds a few overcast night heavier clouds & wind	NE	9.7	40	38	31

April 1808.

Observations	WIND	Bar.	Ther. in	Ther. out
Some rain this morn. very good overcast Day & night	NNW	9.6	38	39
overcast calm even. bright at times	SE	9.5	40	40
Dark afternoon & light thick sky	SW	9.5	41	44
some rain in the height & showers in the day but no wind	W	9.22	42	54
Blowing hard & heavy rain in the height blowing fast all day mostly fair	WSW	8.8	48	57
Heavy rain in the night & heavy day.	WS	9.0	43	47
Heavy rain all the forenoon & after noon & evening	SE	9.3	43	42
very fine day mostly bright overcast in the evening	NNE	9.6	45	44
cloudy wind & dry day with clouds flying clear bright light	NNW	0.1	44	44
overcast day cold wind & slight showers overcast even more moderate.	WNW	0.1	46	45
overcast day threatening rain fast.	W	0.02	47	49
overcast cloudy day slight showers overcast even the night	WS	9.93	49	52
Perfect fair morn. fair warm day	NNW	0.12	46	47
overcast fine morning fine day & light	NW	0.1	49	49
very fine warm dry day drying wind	WSW	9.92	50	50
overcast fresh breeze. fine day & light	NW	9.92	46	51
fine day & light in the fore height	NW	9.95	46	44
very good overcast day some drops of sleet	SE	7.0	44	43
Heavy showers heavy air & rain & thunders	SE	9.4	41	42
very cold day with snow & hail thunders	WSW	9.24	40	37
fine day & light cold wind & warm sun	NW	9.3	43	39
very cold day with snow & hail thunders.	NW	9.3	42	40
Blowing hard & heavy rain most of the day	NW	9.3	40	37
gale from cold day full wind all day & evening (K) & bright by times	NNE	9.7	42	41
bright morn. full wind fine cold day	NE	9.7	42	42
fine day cold & dry a little hail	N	9.8	45	44
overcast cloudy sky the same all the evening calm & moderate	N	9.86	44	44
sharp bright day warm sun after noon & bright light	E	9.9	45	47
overcast day cold morning afternoon & evening mild & moderate	NNE	9.75	46	46
overcast morning & cold day mild & warm till late in the evening	WSW	9.7	46	46
warm overcast haze day evening to rain	WS	9.6	48	49

May 1808.

Observations	WIND	Bar.	Ther. in	Ther. out	Days
soft moon some rain in the night, much overcast in the day & evening	W	9.7	50	52	1
very fine warm sunny day after 12 o'clock	SE	9.63	51	59	2
Bright calm moon bright warm day fine serene night	SE	9.6	55	64	3
very fine soft wetting warm most of the day calm & fair evening but overcast	SW	9.62	54	64	4
fine rain in the night with soft morning overcast day & rain in the evening	WSW	9.4	55	66	5
soft rain the same most of the day then	S	9.2	52	62	6
rain poured in the night but morning continued then calm the day & evening	S	9.1	50	55	7
freshened & fair some flying clouds but horizon cold wind all day & evening	S	9.22	50	59	8
fine day but cold afternoon	S	9.25	50	58	9
morning fresh cold in the night thunder & hail & heavy shower in the evening	SW	9.1	50	58	10
rain in the night fine day with wind	SW	9.5	50	62	11
showery & windy fine day & warm & rain in the evening	W	9.7	55	64	12
soft rain - hazy day with some rain	SW	9.8	54	65	13
not in the night fine soft day mostly overcast & dull day but fair & mild	SW	9.8	50	62	14
very fine warm day hazy sky. Evening pleasant but overcast	SW	9.75	60	66	15
overcast & blaring day, mild calm evening	WS	9.62	55	63	16
very fine warm day, in the morning wind changed & cool air	W	9.92	55	63	17
very fine dry day warm with a breeze cool in the evening	ENE	9.0	55	58	18
very fine day warmer & fresh air of wind breeze & overcast evening	ENE	9.97	50	64	19
warm dry air slight breeze at last hazy evening	E	9.6	57	64	20
light breeze & hazy sky, with misty rain afternoon & evening fresh breeze	SE	9.4	58	65	21
fine moon bright & light clouds overcast sky & appearance of rain	SE	9.28	58	63	22
some rain in the night & rain in the day heavy showers of rain & hail	WSW	9.18	56	63	23
rain in the night & fine day & breeze afternoon some heavy showers	W	9.4	59	65	24
wet morn. & day - overcast & cold	SE	9.54	56	56	25
wet & clouded. windy in the eve	E	9.55	54	55	26
most clouded & wet.	E	9.52	55	55	27
Rain in the morn. then clear clouded after noon.	W	9.70	56	59	28
clouded & blowing - rain in the eve	SE	9.72	58	60	29
wet morn. clouded day. showers in the eve	W	9.76	59	62	30
fine but mostly overcast - clear night	W	9.75	60	62	31

1. Information		2. Date		3. Time		4. Location		5. Weather		6. Wind		7. Clouds		8. Visibility		9. Barometer		10. Thermometer		11. Hygrometer		12. Anemometer		13. Rain Gauge		14. Snow Gauge		15. Ice Gauge		16. Fog Gauge		17. Haze Gauge		18. Mist Gauge		19. Drizzle Gauge		20. Sleet Gauge		21. Snow Gauge		22. Ice Gauge		23. Fog Gauge		24. Haze Gauge		25. Mist Gauge		26. Drizzle Gauge		27. Sleet Gauge		28. Snow Gauge		29. Ice Gauge		30. Fog Gauge		31. Haze Gauge		32. Mist Gauge		33. Drizzle Gauge		34. Sleet Gauge		35. Snow Gauge		36. Ice Gauge		37. Fog Gauge		38. Haze Gauge		39. Mist Gauge		40. Drizzle Gauge		41. Sleet Gauge		42. Snow Gauge		43. Ice Gauge		44. Fog Gauge		45. Haze Gauge		46. Mist Gauge		47. Drizzle Gauge		48. Sleet Gauge		49. Snow Gauge		50. Ice Gauge		51. Fog Gauge		52. Haze Gauge		53. Mist Gauge		54. Drizzle Gauge		55. Sleet Gauge		56. Snow Gauge		57. Ice Gauge		58. Fog Gauge		59. Haze Gauge		60. Mist Gauge		61. Drizzle Gauge		62. Sleet Gauge		63. Snow Gauge		64. Ice Gauge		65. Fog Gauge		66. Haze Gauge		67. Mist Gauge		68. Drizzle Gauge		69. Sleet Gauge		70. Snow Gauge		71. Ice Gauge		72. Fog Gauge		73. Haze Gauge		74. Mist Gauge		75. Drizzle Gauge		76. Sleet Gauge		77. Snow Gauge		78. Ice Gauge		79. Fog Gauge		80. Haze Gauge		81. Mist Gauge		82. Drizzle Gauge		83. Sleet Gauge		84. Snow Gauge		85. Ice Gauge		86. Fog Gauge		87. Haze Gauge		88. Mist Gauge		89. Drizzle Gauge		90. Sleet Gauge		91. Snow Gauge		92. Ice Gauge		93. Fog Gauge		94. Haze Gauge		95. Mist Gauge		96. Drizzle Gauge		97. Sleet Gauge		98. Snow Gauge		99. Ice Gauge		100. Fog Gauge		101. Haze Gauge		102. Mist Gauge		103. Drizzle Gauge		104. Sleet Gauge		105. Snow Gauge		106. Ice Gauge		107. Fog Gauge		108. Haze Gauge		109. Mist Gauge		110. Drizzle Gauge		111. Sleet Gauge		112. Snow Gauge		113. Ice Gauge		114. Fog Gauge		115. Haze Gauge		116. Mist Gauge		117. Drizzle Gauge		118. Sleet Gauge		119. Snow Gauge		120. Ice Gauge		121. Fog Gauge		122. Haze Gauge		123. Mist Gauge		124. Drizzle Gauge		125. Sleet Gauge		126. Snow Gauge		127. Ice Gauge		128. Fog Gauge		129. Haze Gauge		130. Mist Gauge		131. Drizzle Gauge		132. Sleet Gauge		133. Snow Gauge		134. Ice Gauge		135. Fog Gauge		136. Haze Gauge		137. Mist Gauge		138. Drizzle Gauge		139. Sleet Gauge		140. Snow Gauge		141. Ice Gauge		142. Fog Gauge		143. Haze Gauge		144. Mist Gauge		145. Drizzle Gauge		146. Sleet Gauge		147. Snow Gauge		148. Ice Gauge		149. Fog Gauge		150. Haze Gauge		151. Mist Gauge		152. Drizzle Gauge		153. Sleet Gauge		154. Snow Gauge		155. Ice Gauge		156. Fog Gauge		157. Haze Gauge		158. Mist Gauge		159. Drizzle Gauge		160. Sleet Gauge		161. Snow Gauge		162. Ice Gauge		163. Fog Gauge		164. Haze Gauge		165. Mist Gauge		166. Drizzle Gauge		167. Sleet Gauge		168. Snow Gauge		169. Ice Gauge		170. Fog Gauge		171. Haze Gauge		172. Mist Gauge		173. Drizzle Gauge		174. Sleet Gauge		175. Snow Gauge		176. Ice Gauge		177. Fog Gauge		178. Haze Gauge		179. Mist Gauge		180. Drizzle Gauge		181. Sleet Gauge		182. Snow Gauge		183. Ice Gauge		184. Fog Gauge		185. Haze Gauge		186. Mist Gauge		187. Drizzle Gauge		188. Sleet Gauge		189. Snow Gauge		190. Ice Gauge		191. Fog Gauge		192. Haze Gauge		193. Mist Gauge		194. Drizzle Gauge		195. Sleet Gauge		196. Snow Gauge		197. Ice Gauge		198. Fog Gauge		199. Haze Gauge		200. Mist Gauge		201. Drizzle Gauge		202. Sleet Gauge		203. Snow Gauge		204. Ice Gauge		205. Fog Gauge		206. Haze Gauge		207. Mist Gauge		208. Drizzle Gauge		209. Sleet Gauge		210. Snow Gauge		211. Ice Gauge		212. Fog Gauge		213. Haze Gauge		214. Mist Gauge		215. Drizzle Gauge		216. Sleet Gauge		217. Snow Gauge		218. Ice Gauge		219. Fog Gauge		220. Haze Gauge		221. Mist Gauge		222. Drizzle Gauge		223. Sleet Gauge		224. Snow Gauge		225. Ice Gauge		226. Fog Gauge		227. Haze Gauge		228. Mist Gauge		229. Drizzle Gauge		230. Sleet Gauge		231. Snow Gauge		232. Ice Gauge		233. Fog Gauge		234. Haze Gauge		235. Mist Gauge		236. Drizzle Gauge		237. Sleet Gauge		238. Snow Gauge		239. Ice Gauge		240. Fog Gauge		241. Haze Gauge		242. Mist Gauge		243. Drizzle Gauge		244. Sleet Gauge		245. Snow Gauge		246. Ice Gauge		247. Fog Gauge		248. Haze Gauge		249. Mist Gauge		250. Drizzle Gauge		251. Sleet Gauge		252. Snow Gauge		253. Ice Gauge		254. Fog Gauge		255. Haze Gauge		256. Mist Gauge		257. Drizzle Gauge		258. Sleet Gauge		259. Snow Gauge		260. Ice Gauge		261. Fog Gauge		262. Haze Gauge		263. Mist Gauge		264. Drizzle Gauge		265. Sleet Gauge		266. Snow Gauge		267. Ice Gauge		268. Fog Gauge		269. Haze Gauge		270. Mist Gauge		271. Drizzle Gauge		272. Sleet Gauge		273. Snow Gauge		274. Ice Gauge		275. Fog Gauge		276. Haze Gauge		277. Mist Gauge		278. Drizzle Gauge		279. Sleet Gauge		280. Snow Gauge		281. Ice Gauge		282. Fog Gauge		283. Haze Gauge		284. Mist Gauge		285. Drizzle Gauge		286. Sleet Gauge		287. Snow Gauge		288. Ice Gauge		289. Fog Gauge		290. Haze Gauge		291. Mist Gauge		292. Drizzle Gauge		293. Sleet Gauge		294. Snow Gauge		295. Ice Gauge		296. Fog Gauge		297. Haze Gauge		298. Mist Gauge		299. Drizzle Gauge		300. Sleet Gauge		301. Snow Gauge		302. Ice Gauge		303. Fog Gauge		304. Haze Gauge		305. Mist Gauge		306. Drizzle Gauge		307. Sleet Gauge		308. Snow Gauge		309. Ice Gauge		310. Fog Gauge		311. Haze Gauge		312. Mist Gauge		313. Drizzle Gauge		314. Sleet Gauge		315. Snow Gauge		316. Ice Gauge		317. Fog Gauge		318. Haze Gauge		319. Mist Gauge		320. Drizzle Gauge		321. Sleet Gauge		322. Snow Gauge		323. Ice Gauge		324. Fog Gauge		325. Haze Gauge		326. Mist Gauge		327. Drizzle Gauge		328. Sleet Gauge		329. Snow Gauge		330. Ice Gauge		331. Fog Gauge		332. Haze Gauge		333. Mist Gauge		334. Drizzle Gauge		335. Sleet Gauge		336. Snow Gauge		337. Ice Gauge		338. Fog Gauge		339. Haze Gauge		340. Mist Gauge		341. Drizzle Gauge		342. Sleet Gauge		343. Snow Gauge		344. Ice Gauge		345. Fog Gauge		346. Haze Gauge		347. Mist Gauge		348. Drizzle Gauge		349. Sleet Gauge		350. Snow Gauge		351. Ice Gauge		352. Fog Gauge		353. Haze Gauge		354. Mist Gauge		355. Drizzle Gauge		356. Sleet Gauge		357. Snow Gauge		358. Ice Gauge		359. Fog Gauge		360. Haze Gauge		361. Mist Gauge		362. Drizzle Gauge		363. Sleet Gauge		364. Snow Gauge		365. Ice Gauge		366. Fog Gauge		367. Haze Gauge		368. Mist Gauge		369. Drizzle Gauge		370. Sleet Gauge		371. Snow Gauge		372. Ice Gauge		373. Fog Gauge		374. Haze Gauge		375. Mist Gauge		376. Drizzle Gauge		377. Sleet Gauge		378. Snow Gauge		379. Ice Gauge		380. Fog Gauge		381. Haze Gauge		382. Mist Gauge		383. Drizzle Gauge		384. Sleet Gauge		385. Snow Gauge		386. Ice Gauge		387. Fog Gauge		388. Haze Gauge		389. Mist Gauge		390. Drizzle Gauge		391. Sleet Gauge		392. Snow Gauge		393. Ice Gauge		394. Fog Gauge		395. Haze Gauge		396. Mist Gauge		397. Drizzle Gauge		398. Sleet Gauge		399. Snow Gauge		400. Ice Gauge		401. Fog Gauge		402. Haze Gauge		403. Mist Gauge		404. Drizzle Gauge		405. Sleet Gauge		406. Snow Gauge		407. Ice Gauge		408. Fog Gauge		409. Haze Gauge		410. Mist Gauge		411. Drizzle Gauge		412. Sleet Gauge		413. Snow Gauge		414. Ice Gauge		415. Fog Gauge		416. Haze Gauge		417. Mist Gauge		418. Drizzle Gauge		419. Sleet Gauge		420. Snow Gauge		421. Ice Gauge		422. Fog Gauge		423. Haze Gauge		424. Mist Gauge		425. Drizzle Gauge		426. Sleet Gauge		427. Snow Gauge		428. Ice Gauge		429. Fog Gauge		430. Haze Gauge		431. Mist Gauge		432. Drizzle Gauge		433. Sleet Gauge		434. Snow Gauge		435. Ice Gauge		436. Fog Gauge		437. Haze Gauge		438. Mist Gauge		439. Drizzle Gauge		440. Sleet Gauge		441. Snow Gauge		442. Ice Gauge		443. Fog Gauge		444. Haze Gauge		445. Mist Gauge		446. Drizzle Gauge		447. Sleet Gauge		448. Snow Gauge		449. Ice Gauge		450. Fog Gauge		451. Haze Gauge		452. Mist Gauge		453. Drizzle Gauge		454. Sleet Gauge		455. Snow Gauge		456. Ice Gauge		457. Fog Gauge		458. Haze Gauge		459. Mist Gauge		460. Drizzle Gauge		461. Sleet Gauge		462. Snow Gauge		463. Ice Gauge		464. Fog Gauge		465. Haze Gauge		466. Mist Gauge		467. Drizzle Gauge		468. Sleet Gauge		469. Snow Gauge		470. Ice Gauge		471. Fog Gauge		472. Haze Gauge		473. Mist Gauge		474. Drizzle Gauge		475. Sleet Gauge		476. Snow Gauge		477. Ice Gauge		478. Fog Gauge		479. Haze Gauge		480. Mist Gauge		481. Drizzle Gauge		482. Sleet Gauge		483. Snow Gauge		484. Ice Gauge		485. Fog Gauge		486. Haze Gauge		487. Mist Gauge		488. Drizzle Gauge		489. Sleet Gauge		490. Snow Gauge		491. Ice Gauge		492. Fog Gauge		493. Haze Gauge		494. Mist Gauge		495. Drizzle Gauge		496. Sleet Gauge		497. Snow Gauge		498. Ice Gauge		499. Fog Gauge		500. Haze Gauge		501. Mist Gauge		502. Drizzle Gauge		503. Sleet Gauge		504. Snow Gauge		505. Ice Gauge		506. Fog Gauge		507. Haze Gauge		508. Mist Gauge		509. Drizzle Gauge		510. Sleet Gauge		511. Snow Gauge		512. Ice Gauge		513. Fog Gauge		514. Haze Gauge		515. Mist Gauge		516. Drizzle Gauge		517. Sleet Gauge		518. Snow Gauge		519. Ice Gauge		520. Fog Gauge		521. Haze Gauge		522. Mist Gauge		523. Drizzle Gauge		524. Sleet Gauge		525. Snow Gauge		526. Ice Gauge		527. Fog Gauge		528. Haze Gauge		529. Mist Gauge		530. Drizzle Gauge		531. Sleet Gauge		532. Snow Gauge		533. Ice Gauge		534. Fog Gauge		535. Haze Gauge		536. Mist Gauge		537. Drizzle Gauge		538. Sleet Gauge		539. Snow Gauge		540. Ice Gauge		541. Fog Gauge		542. Haze Gauge		543. Mist Gauge		544. Drizzle Gauge		545. Sleet Gauge		546. Snow Gauge		547. Ice Gauge		548. Fog Gauge		549. Haze Gauge		550. Mist Gauge		551. Drizzle Gauge		552. Sleet Gauge		553. Snow Gauge		554. Ice Gauge		555. Fog Gauge		556. Haze Gauge		557. Mist Gauge		558. Drizzle Gauge		559. Sleet Gauge		560. Snow Gauge		561. Ice Gauge		562. Fog Gauge		563. Haze Gauge		564. Mist Gauge		565. Drizzle Gauge		566. Sleet Gauge		567. Snow Gauge		568. Ice Gauge		569. Fog Gauge		570. Haze Gauge		571. Mist Gauge		572. Drizzle Gauge		573. Sleet Gauge		574. Snow Gauge		575. Ice Gauge		576. Fog Gauge		577. Haze Gauge		578. Mist Gauge		579. Drizzle Gauge		580. Sleet Gauge		581. Snow Gauge		582. Ice Gauge		583. Fog Gauge		584. Haze Gauge		585. Mist Gauge		586. Drizzle Gauge		587. Sleet Gauge		588. Snow Gauge		589. Ice Gauge		590. Fog Gauge		591. Haze Gauge		592. Mist Gauge		593. Drizzle Gauge		594. Sleet Gauge		595. Snow Gauge		596. Ice Gauge		597. Fog Gauge		598. Haze Gauge		599. Mist Gauge		600. Drizzle Gauge		601. Sleet Gauge		602. Snow Gauge		603. Ice Gauge		604. Fog Gauge		605. Haze Gauge		606. Mist Gauge		607. Drizzle Gauge		608. Sleet Gauge		609. Snow Gauge		610. Ice Gauge		611. Fog Gauge		612. Haze Gauge		613. Mist Gauge		614. Drizzle Gauge		615. Sleet Gauge		616. Snow Gauge		617. Ice Gauge		618. Fog Gauge		619. Haze Gauge		620. Mist Gauge		621. Drizzle Gauge		622. Sleet Gauge		623. Snow Gauge		624. Ice Gauge		625. Fog Gauge		626. Haze Gauge		627. Mist Gauge		628. Drizzle Gauge		629. Sleet Gauge		630. Snow Gauge		631. Ice Gauge		632. Fog Gauge		633. Haze Gauge		634. Mist Gauge		635. Drizzle Gauge		636. Sleet Gauge		637. Snow Gauge		638. Ice Gauge		639. Fog Gauge		640. Haze Gauge		641. Mist Gauge		642. Drizzle Gauge		643. Sleet Gauge		644. Snow Gauge		645. Ice Gauge		646. Fog Gauge		647. Haze Gauge		648. Mist Gauge		649. Drizzle Gauge		650. Sleet Gauge		651. Snow Gauge		652. Ice Gauge		653. Fog Gauge		654. Haze Gauge		655. Mist Gauge		656. Drizzle Gauge		657. Sleet Gauge		658. Snow Gauge		659. Ice Gauge		660. Fog Gauge		661. Haze Gauge		662. Mist Gauge		663. Drizzle Gauge		664. Sleet Gauge		665. Snow Gauge		666. Ice Gauge		667. Fog Gauge		668. Haze Gauge		669. Mist Gauge		670. Drizzle Gauge		671. Sleet Gauge		672. Snow Gauge		673. Ice Gauge		674. Fog Gauge		675. Haze Gauge		676. Mist Gauge		677. Drizzle Gauge		678. Sleet Gauge		679. Snow Gauge		680. Ice Gauge		681. Fog Gauge		682. Haze Gauge		683. Mist Gauge		684. Drizzle Gauge		685. Sleet Gauge		686. Snow Gauge		687. Ice Gauge		688. Fog Gauge		689. Haze Gauge		690. Mist Gauge		691. Drizzle Gauge		692. Sleet Gauge		693. Snow Gauge		694. Ice Gauge		695. Fog Gauge		696. Haze Gauge		697. Mist Gauge		698. Drizzle Gauge		699. Sleet Gauge		700. Snow Gauge		701. Ice Gauge		702. Fog Gauge		703. Haze Gauge		704. Mist Gauge		705. Drizzle Gauge		706. Sleet Gauge		707. Snow Gauge		708. Ice Gauge		709. Fog Gauge		710. Haze Gauge		711. Mist Gauge		712. Drizzle Gauge		713. Sleet Gauge		714. Snow Gauge		715. Ice Gauge		716. Fog Gauge		717. Haze Gauge		718. Mist Gauge		719. Drizzle Gauge		720. Sleet Gauge		721. Snow Gauge		722. Ice Gauge		723. Fog Gauge		724. Haze Gauge		725. Mist Gauge		726. Drizzle Gauge		727. Sleet Gauge		728. Snow Gauge		729. Ice Gauge		730. Fog Gauge		731. Haze Gauge		732. Mist Gauge		733. Drizzle Gauge		734. Sleet Gauge		735. Snow Gauge		736. Ice Gauge		737. Fog Gauge		738. Haze Gauge		739. Mist Gauge		740. Drizzle Gauge		741. Sleet Gauge		742. Snow Gauge		743. Ice Gauge		744. Fog Gauge		745. Haze Gauge		746. Mist Gauge		747. Drizzle Gauge		748. Sleet Gauge		749. Snow Gauge		750. Ice Gauge		751. Fog Gauge		752. Haze Gauge		753. Mist Gauge		754. Drizzle Gauge		755. Sleet Gauge		756. Snow Gauge		757. Ice Gauge		758. Fog Gauge		759. Haze Gauge		760. Mist Gauge		761. Drizzle Gauge		762. Sleet Gauge		763. Snow Gauge		764. Ice Gauge		765. Fog Gauge		766. Haze Gauge		767. Mist Gauge		768. Drizzle Gauge		769. Sleet Gauge		770. Snow Gauge		771. Ice Gauge		772. Fog Gauge		773. Haze Gauge		774. Mist Gauge		775. Drizzle Gauge		776. Sleet Gauge		777. Snow Gauge		778. Ice Gauge		779. Fog Gauge		780. Haze Gauge		781. Mist Gauge		782. Drizzle Gauge		783. Sleet Gauge		784. Snow Gauge		785. Ice Gauge		786. Fog Gauge		787. Haze Gauge		788. Mist Gauge		789. Drizzle Gauge		790. Sleet Gauge		791. Snow Gauge		792. Ice Gauge		793. Fog Gauge		794. Haze Gauge		795. Mist Gauge		796. Drizzle Gauge		797. Sleet Gauge		798. Snow Gauge		799. Ice Gauge		800. Fog Gauge		801. Haze Gauge		802. Mist Gauge		803. Drizzle Gauge		804. Sleet Gauge		805. Snow Gauge		806. Ice Gauge		807. Fog Gauge		808. Haze Gauge		809. Mist Gauge		810. Drizzle Gauge		811. Sleet Gauge		812. Snow Gauge		813. Ice Gauge		814. Fog Gauge		815. Haze Gauge		816. Mist Gauge		817. Drizzle Gauge		818. Sleet Gauge		819. Snow Gauge		820. Ice Gauge		821. Fog Gauge		822. Haze Gauge		823. Mist Gauge		824. Drizzle Gauge		825. Sleet Gauge		826. Snow Gauge		827. Ice Gauge		828. Fog Gauge		829. Haze Gauge		830. Mist Gauge		831. Drizzle Gauge		832. Sleet Gauge		833. Snow Gauge		834. Ice Gauge		835. Fog Gauge		836. Haze Gauge		837. Mist Gauge		838. Drizzle Gauge		839. Sleet Gauge		840. Snow Gauge		841. Ice Gauge		842. Fog Gauge		843. Haze Gauge		844. Mist Gauge		845. Drizzle Gauge		846. Sleet Gauge		847. Snow Gauge		848. Ice Gauge		849. Fog Gauge		850. Haze Gauge		851. Mist Gauge		852. Drizzle Gauge		853. Sleet Gauge		854. Snow Gauge		855. Ice Gauge		856. Fog Gauge		857. Haze Gauge		858. Mist Gauge		859. Drizzle Gauge		860. Sleet Gauge		861. Snow Gauge		862. Ice Gauge		863. Fog Gauge		864. Haze Gauge		865. Mist Gauge		866. Drizzle Gauge	
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July 1808.

Observations	WIND	Bar.	Ther. in	Ther. out	day
Fine clear weather	N.E.	0.01	70	62	1
Fine, w. some haze & light clouds	N.E.	0.02	72	74	2
Fine, w. some flying clouds	N	0.04	69	60	3
over-cast - blowing a little, with slight showers.	N.W.	0.00	68	59	4
light rain in the mor. over-cast day	Calms	9.95	66	58	5
quite over-cast, w. some mizzling	N	9.97	63	56	6
overcast, w. a breeze - A good deal of rain in the eve.	N	9.82	62	58	7
over-cast, w. a slight breeze.	N.W.	9.75	62	59	8
Fine, but over-cast	N.W.	9.86	61	59	9
Fine day, w. slight rain in the eve.	S.E.	9.80	61	62	10
Fine blowing day, w. flying clouds	S.W.	9.87	64	62	11
Fine, w. light haze - hazy eve & night	S.E.	9.84	65	64	12
Hazy mor. - Fine blowing day &c.	N.W.	9.88	67	65	13
Misty mor. early & fine day, w. a breeze & flying clouds	N.E.	9.87	70	66	14
over-cast w. rain	S.E.	9.80	67	66	15
Rain in the mor. w. Thunder, in the P.M. w. mostly clouds, all day &c. Distant Thunder & lightning in the eve.	S.E.	9.74	68	65	16
Mostly clouded, but fine. A clear eve.	S.E.	9.89	72	68	17
Blowing w. clouds	S.W.	9.77	71	67	18
Blowing with some rain	S.E.	9.50	66	63	19
A good deal of wet, & constantly over-cast	S.E.	9.35	61	55	20
Almost incessant rain, since yesterday eve, w. small wind; till nearly mid-night, this night.	S.E.	9.30	58	55	21
over-cast & blowing	S.E.	9.47	60	58	22
Same as yesterday. Thunder, in the eve towards the N.E. but distant.	S.E.	9.57	64	61	23
A good deal of rain.	S	9.56	66	60	24
Close & clouded, but fair.	S.W.	9.58	68	64	25
Mostly clouded, w. a slight shower	N. variable	9.60	67	64	26
Heavy rain in the fore-noon. wet almost all day - very heavy rain in the eve.	S.E.	9.51	62	57	27
Fine, w. white clouds. rain in the afternoon - clear night	N. Calms	9.50	62	63	28
over-cast. rain in the eve	Calms	9.50	63	64	29
large white clouds. very over-cast eve &c.	N.E.	9.54	65	64	30
over-cast mor. rain heavy, after-noon wet eve.	S.E.	9.40	67	62	31

[illegible]

September 1808.

observations	WIND	Bar.	Ther. in	Ther. out	day
Clouded mor. Clearer after noon. Still much clouded, w. haze.	W	9.25	59	56 1/2	1
Fine, w. clouds & haze, - some slight showers - very over-cast	N.W.W	9.28	61	57 1/2	2
quite over-cast, w. some slight rain	W.N.W	9.57	61	60	3
Mostly clouded, but fine.	W.N.W	9.67	60	59	4
A wet mor. & partly so all day. quite over-cast. A pretty clear night	N.W	9.52	59	54	5
Fine w. flying clouds - over-cast eve. & night	N.W.W	9.64	61	57 1/2	6
very over-cast, with some mizzling	N	9.52	58	56	7
very clouded, & much rain	N.E	9.55	57	55	8
Fine, w. some clouds & haze	S.W	9.56	55	51	9
some rain, but rather fair & clouded.	W	9.57	50	48	10
very fine day somewhat bright & clear	N.E	9.28	62	62	11
very fine day, bright but light clouds	N.E	9.4	59	55	12
Fine, but a good deal of clouds. A pretty clear eve.	N.W.S	9.57	58	54	13
Fine w. some clouds & haze	N.E	9.68	61	57 1/2	14
Fine, w. over-cast mor. clear eve. & night	S.W.S	9.9	60	55	15
Fine, w. some clouds & haze	S.W	0.02	61	58 1/2	16
Fine, as yesterday	S.S.E	0.05	63	60	17
Fine clear weather.	S.E	0.06	58	55	18
Clouded mor. but fine weather - clear night late	N.E	0.07	57	52	19
Fine clear weather. Clouded after-noon clearer late.	N	0.80	60	52	20
Clouded mor. clearer about noon	S.S.W	0.04	60	53 1/2	21
At 10 A.M. thick smoky rain came on mostly clouds, & showers	S.W	0.07	56	52	22
Blowing fine day. w. flying clouds	N.W.W	9.65	52	45	23
very clouded w. some rain, in the eve.	N.W	9.87	51	44	24
Clouded, but fine.	Cal	9.91	55	50	25
Flying clouds, but fine weather	N	9.92	57 1/2	45	26
clouds & some showers, w. hail	N.W	9.85	52	43	27
very wet, w. most wind. Fair, but clouded eve.	S.E	9.75	48	41	28
over-cast, but fair. rain in the eve. some clearing afterwards	N.W	9.53	47	44	29
driving showers, w. some hail, pretty clear eve. & night	N	9.40	46	39	30

October 1808.

Observations	WIND	Bar.	Ther. in	Ther. out	Days
Mostly clouded, but fine	W. & W.	9.74	49	40	1
Rain in the fore-noon. Clearer ev. & night	W. & W.	9.72	50	42	2
Pretty clear morn. Rain in the ev. clearer night	W. & W.	9.73	50	42	3
Pretty fair, but clouded	W.	9.76	50	44	4
Blowing & mostly clouded, some rain at night	S. & W.	9.80	51	48	5
Fine, but a good deal of clouds & haze. very hazy night	S. & W.	9.85	53	45	6
Clouded morn. Stormy & wet all day ev. & night	S. & W.	9.87	53	45	7
Stormy, w. showers.	W. & W.	9.90	48	45	8
Mild, but over-cast	W. & W.	9.92	47	45	9
Mostly over-cast, but fair - clear late.	W. & W.	9.73	48	46	10
A very wet morn. Clouded day - clear very late.	S. & W.	9.55	49	45	11
Clouded, with some showers.	W. & W.	9.65	48	45	12
over-cast, but fine. Much rain, & very stormy at night	S. & W.	9.45	47	46	13
very clear morn. Showery day & ev. clear late.	W.	9.52	47	44	14
Some clearness with flying clouds. at clear night	W.	9.65	45	41	15
Flying clouds & showers	W. & W.	9.42	48	38	16
Clouds, & showers, w. wind	W. & W.	9.40	47	36	17
A good deal of rain	W. & W.	9.45	46	37	18
Fine blowing day	W. & W.	9.57	43	38	19
A great deal of rain	S. & W.	9.47	42	37	20
Some slight hail showers.	W. & W.	9.40	42	36	21
Showery & blowing. A clear night	W. & W.	9.35	41	36	22
Fair morn. A very wet day - clouded ev. some clearness late	S. & W.	9.22	42	35	23
Hazy & blowing	W. & W.	9.15	42	35	24
Stormy, w. a great deal of rain	W. & S. & W.	8.90	46	34	25
Blowing w. clouds & haze.	W. & S. & W.	8.70	46	34	26
Blowing w. clouds & haze, clearer at night	S. & W.	8.77	47	37	27
Blowing w. haze. Clouded, w. rain at night	W. & W.	8.81	47	39	28
Hazy, w. heavy rain about noon clearer at night	S. & W.	9.10	47	40	29
Fine, & clear, but some mist at night	W.	9.70	45	46	30
Misty, but fine	W.	0.00	44	37	31

November 1808.

observations	WIND	Bar.	Ther. in	Ther. out	days
Fine, w. some haze - Damp night, but pretty clear.	8	0.03	43	39	1
Clouded, but fine	8	0.07	44	40	2
Same as yesterday, w. a breeze	8	0.10	44	41	3
Fine, but mostly over-cast	8	0.01	44	40	4
Mostly over-cast, w. some slight rain	8.5.8	0.02	44	37	5
Some rain in the mor. Afterwards fine. — clear late	S.W	0.02	43	38	6
very over-cast, but fine	S.E	0.02	42	37	7
very over-cast, but fine	8	0.02	41	40	8
Fine, w. clouds & haze	8.5.8	0.02	41	39	9
Fine, but mostly clouded	8	0.02	41	37	10
very over-cast, but fine. A miz- gling of rain late.	8	0.02	41	38	11
A very clouded mor. Clearer about noon. afterwards clouded	8	0.02	41	40	12
Fine hazy weather, w. a mizzle of rain after noon	8.5.8	0.02	41	41	13
Fine gray weather. — A stormy night, w. cr. w. w. rain.	8.5.8	0.02	41	42	14
very over-cast, but fair — A very stormy night, w. rain	N.W	0.02	41	44	15
Stormy, but fair — Flying clouds some slight showers. A clear interval in the eve.	S.W	0.02	41	46	16
Still mostly clouded	N.W	0.02	41	40	17
A very wet mor. & good part of the day A clear night.	N.W	0.02	41	34	18
Rain in the mor. Clear about noon. variable.	W	0.02	41	32	19
Fine mor. over-cast eve. Showers at night	W.S.W	0.02	41	36	20
Fine blowing mor. — Showers. clear after noon	W.S.W	0.02	41	37	21
very over-cast, w. some rain at night.	W.S.W	0.02	41	38	22
pretty clear, but some clouds & haze	W	0.02	41	37	23
Fine, w. clouds & haze	W.S.W	0.02	41	38	24
very over-cast, w. rain at night	S.W	0.02	41	43	25
quite over-cast, still weather. much rain at night	N.W	0.02	41	41	26
A very wet mor. Showery days. clearer night.	N	0.02	41	38	27
Hazy, w. a mist. Entirely over-cast	N	0.02	41	36	28
very over-cast. wet & stormy eve. & night	N.W	0.02	41	37	29
Showery mor. Clear intervals at night. Shooting stars.	N.W	0.02	41	35	30

December 1808.

Observations

Observations	WIND	Bar.	Ther. in	Ther. out	days
A good deal of clouds & haze - A stormy & wet eve. & night.	W. C.W.	8.97	42	40	1
Squalls & showers.	N.W.	8.95	43	40	2
Fine clear sky, but blowing. - Clouds eve.	N.W.	9.00	44	40	3
Fine, but hazy	N.W.	9.12	45	40	4
Very over-cast, but fair	N.W.	9.07	46	40	5
Blowing, w. rain in the mor. Flying clouds all day. Blowing & clouded night, w. some rain	N.W.	9.50	48	40	6
Clouded & blowing	N.W.	9.85	48	42	7
over-cast, but fair	N.W.	9.95	49	42	8
Remarkably dark weather	N.W.	9.94	49	42	9
Fine clear weather	N.W.	9.80	49	42	10
Remarkably clouded and hazy, but fair	N.W.	0.03	42	42	11
very hazy.	N.W.	0.02	40	40	12
Same as yesterday	N.W.	0.01	40	40	13
Foggy mor. cleared up, about noon	N.W.	0.04	41	41	14
over-cast, but fine	N.W.	0.13	41	40	15
quite over-cast - but in the eve.	N.W.	9.95	35	36	16
Blowing w. some sleet. snow	N.W.	9.87	36	35	17
A fall of snow	N.W.	9.65	36	33	18
A fine lying snow	N.W.	9.62	34	32	19
Fine clear day, but a hazy night	N.W.	9.74	32	31	20
Mostly over-cast, w. some rain in the eve.	N.W.	9.57	33	34	21
clear weather. some more clouds at night	N.W.	9.40	33	35	22
snow - clouds	N.W.	9.39	31	32	23
Mostly over-cast	N.W.	9.40	30	30	24
very over-cast, w. some sleet. rain at night	N.W.	9.35	31	32	25
sleet, but very over-cast - a clear interval late	N.W.	9.30	33	32	26
very over-cast	N.W.	9.24	33	34	27
quite over-cast, & blowing	N.W.	9.18	34	35	28
quite clouded, w. some rain	N.W.	9.20	35	36	29
wet from about noon	N.W.	9.22	37	37	30
same as yesterday	N.W.	9.25	37	37	31