Ross.

Doard of Northern Lights (Symons)

YEAR	1830	1831	1832	1833	1834	1835	1836	1834	1838	1839	MEAN
January	JoRetur	.41	.18	.45	1.08	.94	1.15	.25	.64	3.01	
February-											
March											
April											
May	.89	1.04	1.08	.80	1.30	.19	.44	1.45	2.00	1.25	
June										2.32	
July										1.09	
August										1.42	
September -										3.19	
October			1 4 3 1				100000			2 10	

1.91 3.51 .48 1.58 2.21 1.88 3.86 3.24 2.63 1.29 2.29 1.22 1.30 1.25 .79 1.09 4.71 1.80 2.79 2.00

1696 11.85 15.83 14.72 14.21 24.41 26.06 25.71 21.79

1830-1856, 1861 ->

November -

December -

Totals -

(Symons)

Roso.

YEAR	1840	1841	1842	1843	1844	1845	1846	1844	1848	1849	MEAN
January		2.05								2.81	
February		.63						1,000			
March		.56									
April		1.10									
May		1.52									
June		1,25									
July		2.14									
August		3.90									
September -		2.11									
October		3.05									
November -		1.98			3						
December -								2.62			

Ross

Domoch - 5.

YEAR	1850	1857	1852	1853	1854	1855	1856	1854	1858	1859	MEANS.
January		1.43				1.3					
February	1.88	.44	1.75	.50	146	.20	1.94		,	4	
March	.52	1.24	.04	.53	.34	79	.09	4	8	S.	
April	1.24	.69	.15	.86	.49	1.56	1.50	2	3	. 4	
May	1.56	.22	.77	.98	1.38	165	1.12	3/	3	25	
June	.84	1.30	2.82	1.94	1.96	1.33	2.50	is	B	2	
July		1.41						K	3	.3	
August		1.42						.3	13	15	
September -		.24				166	,	1.7	3	3	
October	2.60	1.62	1.43	3.33	2.20	1.64	.48	2	0)	0)	
November -		1.45				. 75		10	10	1	
December -		.52							2	3	
TOTALS -		12.01						-6-19			

# Tourbetnefs Lat 57.51.0 Lon 3.48.0 Hofshere

+ Ground 3.6 + Sea Level 61

YEAR	1860	1861	1062	1863	1864	1865	1846	1867	1866	1869	MEANS
January			4.88	7.82	1.39	2.23	1.29	1.61	2.47	.90	
February				1.21							
March				1.39							
April				4.30							
May				4.50							
June										.95	
July		2.20		.46							
August				6.65							
September -				5.94			-				
October				2.82							
November -				3.41						100000	
December -				4.52							
Totals -		11	47.59	47.55	43.99	17.46	17.94	19427	19-32	16.45	

1860 and Jan: to June 1861 No entries in return "

# RAINFALL AT Jandrehness

Diameter											
Height											
Altitude											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEAN
January	.98	.68	2.56	1.35	1.85	2.90	.90	1.90.	1.05	1.10	1.52
February	.77	1.33	.97	29	.52	.09	1.76	2.48	55	.12	-88
March	27	.47	1.49	1.37	-87	58	2.34	1.28	1.22	.41	1.03
April	.99	1.65	.90	.83	1.09	1.12	1.11	1.21	.00	-28	.91
May	1.01	.22	.93	2.75	1.30	.99	.74	1.79	2.02	2.86	1.46
June	.58	.35	3.81	1.09	.75	1.42	.83	2.56	1.95	2.08	1.54
July	. 75	2.29	2.05	3.35	87	1.92	1.85	2.97	09	2.96	1.91
August	1.33	2.08	2-11	2.73	3.24	1.62	1.56	4.06	1.98	401	2.47
September	1.41	3.10	1.93	4.09	2.40	1.60	2.34	.40	196	.77	2.00
October	2.45	1.71	3.85	256	2.34	1.85	2.66	2.05	.81	.78	2.10
November	1.48	2.35	3.98	2.31	1.74	1.47	3.03	1.73	1.16	1.97	2.12
December	2.56	.38	1.94	1.92	.44	1.28	2.71	2.24	.70	.85	1.50

RAINFALL AT Tarbetness County of East Ross Lon. Owerver Bd. of Northern Lights Rain Gauge, by bornoch Finh -5. Diameter .... 1880 1881 1882 1883 1884 1885 1886 1887 1888 1889 MEANS. .61 .38 1.27 1.29 2.12 97 3.05 2.42 3.21 1.04 1-636

Height ..... 3. 4 Altitude .... 6/? Year ..... January .... February .... .82 .45 1.00 1.70 94 2 62 197 1.14 1.31 2.06 March ..... .41 2.00 -80 1.15 1.49 1.69 .49 4.43 2.02 April ..... 72 .77 1.67 .60 33 84 129 1.36 2.59 4.67 May ..... .84 .89 4.96 3.61 -98 .90 .95 June ..... .77 1.35 1.67 1.26 . 65 2:80 1:29 .86 3.59 .85 1.509 July ...... 1.072.89 3.45 2.90 1.28 139 3.31 3.08 4.07 -76 August ..... 15 1.24 . 81 2 98 32 62 1.88 1.48 1.78 4.81 September . . . 1.35 1.24 2.74 1.98 39 3 72 2.42 2.23 1.31 -84 2.02 1.90 1 11 -85 2:27 3:63 2:01 1.81 4.21 3.20 November .... 2.65 1:22 3:39 2.98 1.34 2.30 2.16 1.48 3.52 1.51 2.255 December . . . . 2.10 .95 42/ 2.18 1:33 88 1.94 3.12 1.05 1.55 12.2015.95239018.83 14:32 2514 2775 21.95 31.97 24.26 21.624 TOTALS ....

## RAINFALL AT Jarbetness

County of East Ross Lon Observer Board of Northern fight Rain Gauge, by bornoch tim -5. Diameter .... 3 4 Height ..... 619 Altitude .... 1893 1894 1895 1896 1897 1898 1899 Year ..... 1890 1891 1892 January .... 3.75 1.05 1.55 1.54 .32 1.71 4.11 1.756 1.80 -92 - 81 February .... . 46 2.45 1.56 1.619 1.31 2.33 1.87 2.11 3.35 .00 .75 March ..... 3.57 1.86 .65 2.34 1.19 1.48 2.22 1.07 1.21 1.559 .00 April..... 1.30 .36 1.24 .29 .58 3.02 3.26 /. May ..... 1.07 2.42 2.01 .91 4.33 .98 1.67 3.22 2.74 -40 June ...... 2.44 1.67 1.48 .70 1.89 3.00 2.99 2.16 1.05 .91 1.829 July ..... 93 4.56 3.25 3.00 .87 1.30 2.16 2.560 2.85 4.40 2.28 Angust ... 2.46 1.00 3.27 3.24 1.19 2.48 2.33 .20 2 375 4.35 3.23 September . . . .63 1.88 1.89 .25 1.13 4.14 1.00 4.61 1.81 1.921 1.87 October . . . . 5 44 1.00 5 27 3.30 2.74 2.17 2.58 2.01 3.35 .92 2.848 November . . . . 1 46 2.67 .39 1.14 1.25 1.32 2.82 1.41 1.891 4.07 2.18 December . . . .37 2.96 .77 2.04 1.14 1.32 3.71 1.48 5.11 2.48 2.138 Totals .... 31-15 25-34 21.66 18.36 25.36 18.86 25.38 16.57 32.0422

1870

### RAINFALL AT Tarbetness

K	AIN	FALI	AT		arba	lnes	8				
La	i			Lon		o	ounty of	Eas	1-80	33	
Donneh	tim		i Gauge, l	y,		Obs	erver R	rand d	Nows	hem h	ghts
Diameter		8									
Height	3 4	40									
Altitude	61 ?	51						175			
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January	-	1.47				. 95		1.82	1.44	2:01	
March	1.32	2.73			1	1		. 83	1.52		
April	2.01	1.57	1			.70	1.20	.92	1-23	2.04	
June		1.30				- 1	2.97	3.91		1.84	
July	1	2.44	1						1.05	1.69	
August		3.02							1.04	1.67	
September	1	1-45						.60	4.23	1.49	
October	1.83	3.56	3.27	2.47	.91	1.71	1.99	2.10	-85	1.89	
November	3.28	2.77	1.00	1.92	1.26	2.17	4.23	1.89	2.16	1.07	
December	5.70	2.46	4.15	.49	1.36	.55	1.84	1.78	.61	:84	
Totals	26.35	26.27	23.64		13.02	15.23	22.24	21.05	19.57	18:79	

1904 Record Short

County of Ross	Observer_	Bd. of Northern	Lights
River Basin Dornoch Firth 5.	_		
Rain Gauge, by			

Diameter	8										
Height	40										
Altitude	175										
	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January	1.56	-85	1.07	. 22.	2.32	1.42	2.39	2.31	1.90	1.03	763
February	.54		-			1.71	/	1	1.56	1.11	460
March	.37	.84	1.80	2.23	2.24	1.34	1.12	1.38	- 93	.33	376
April	2.84	1.15	1.62	1.03	.66	1.81	1.25	1.28	1.03	3.05	661.
May	1.37	1.66	1.60	1.05	1-67	. 47	2.79	1.06	1.67	.58	610
June	.98	1.27	1.87	2.97	.72	.55	3.12	2.08	1.53	1.44	8-17
July					2-87	1-97	2.35	1.08	5.92	1.42	1077
August					2.34	.85	1.66	3.22	2.38	2.81	1007
September			.80		1-02	2.46	1.31	1.85	2.54	194	764
October	.95	1.77	1.95	. 86	1.59	1.11	3.88	3.59	1.25	1.85	1057
November	3.52	55.41.53			3.20	2.30	1.60	4.17	1-42	2.54	973
December					2.20	2-97	1:H6	1.37	2.76	.94	652
Totals	20.11	1992	22:06	17.66	22.45	18-968	24.47	23 77	24.89	19.04	9217

1019+947

93912

Date.	Date. Lat. N.		Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

20

KAINFALL at Janua	lness s
County of Ross.	Observer Board of northern Lights
River Basin Dornoch Firth 5.	
Rain Gauge, by	

Diameter	.8									trans.	
Height	4 0										
Altitude	175-										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MBANG
January	2.48	2.05	2.06	1.85	1:48	1.30	1.83	2.16	3.64	. 78	1.18
February	1.17	.41	1.39	1.40	.95	2.46	1.80	1.41	1.29	.45	.58
March	1.81	1.32	-		1.51		1.87	100		.45	-58
April	1.60	36	1.66	2.47	66	1.42	1.97	1.56	.43	1.69	.87
May	2.63	2.88	2.56	2.25	2.98	2.39	1.03	1.40	1.60	2.34	1.58
June	.61	94	-88	.88	1.57	.71	1.20	2.75	2.04	1.69	1.37
July	1.60	1.69	142	1.78	3 - 20	2.12	1.00	.37	1.82	.91	1.74
August	1.08	2.41	1.75	462	402	1.32	1.40	1.89	1.69	3. 55	4.83
September	1.48	1.09	2.00	2.50	3 - 8 5	2.06	235	5.02	2.10	2.42	209
October	1.29	1.96	1.12	4.16	2.69	2.14	3-20	4.20	2.31	2.95	3.48
November						.86					3.45
December											1.89

Catecham 1926 B. on level gross land . Stone will byte light 45 yes on N +62 yes on E; to S ground eleps chan to cliffs Stanlardy. I win the above ground.

334

101.9

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge
	Five.					
						100

#### Air Ministry, Meteorological Office.

5778.

RAINFALL at Jarlet	neso,
County of Ros & Bromaily	Observer Comins of N. Lighthouses.
River Basin 5 - Dornoch Hirth.	

Type of Gauge.

Diameter		. 5										
Height		. 1. 10										
Altitude		62										
Year		1931	1932	1933	1984	1935	1936	1937	1938	1939	1940	Mea
January		1.63	3.12	1.21	1.25	1.59	2.82	2.05	2.73	2.87	.54	
February		2.20			.76	1		2.07	1.20	1.35	60	
March		46	2.10	0.92	1.89	2.04	.98	1.08	1.14	1.52	1.40	
April		1-9	2.22	0.91	3.68	2.30	. 64	34	-22	1.35	2.14	
May		2.30	2.76	0.71	1.72	1.68	1.07	1.13	2.42	39	1-08	
June		3 40	9 .22	1.86	1.30	2.92	- 66	1.84		.62		
July		3 4	5 2.38	3.00	3.68	1.40	14:140	2.13	5.18	4.63	7.02	
August		· YI	1.62	1.61	2.61	2.54	1.22	2.20	1.05	1.31	72	
September	r	91	194	0.37	1.27	3.23	176	1.24	3.03	152	1.48	
October		1.40	3.09	1.76	3.03	3.30	2.21	1.72	HI.	1.28	3.14	
November		1.53	2.83	1.52	.44	2.64	1-114	.54		2.45	4:14	
December		1. YL	1.64	0.20	1.36	1.82	1.56	.81	1-24	2.00	1.68	

Reference No .... Distance Direction Distance Direction Date. Lat. N. Long. Rallway Station. Parish Church. from gauge from gauge

1.41 4.21 October 4:48 436 1.63 1.75 4.34 34 1.28 2.24 1.21 .47 November .. 2.11 10 2.01 1.69 .19 2.77 3.29 2.04 1.45 (2.26) December 155 3.37 206 . 49 1.33 1.29 1.82 1.83

1.93

2.96

4:23 1.96 1.95

2-45 3.31 2.00

244 18.95 15.61 24.56 20.04 18.78 24.55 18.38 2426

2.03 11 4.62 1.52 2.17

.97 3.54

14030

securiplows. Jong lowered to 13" 7/8/45.

3.42 2.20 1-12

261 1.59 1.68

2.63 1. 80 2.19 2.04

1947 Pob-mar upp. Annal Potalok.

2.81

3.62

.91

July ....

August

September ...

TOTALS ....

to Edin . come that this world be disculated for BD 21 5778/1 is Setisfacting

1950. W. I by m.o. Adin. mot John + Nor I ble. ash by m.o. Edun

Position of S	itation on red 1 mile to	uced Ordno 1 inch Ser	ince Survey Map, No	o. of Map	Reference No	
Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
	- 4	1				

J									ing. Inp			
	1948	Lighthouse	134frhigh	100 300	13°. Sween	stilling.	1794	2200.	Well Styring,	secret di	Tere 37 yels 1	utien 1
	1950	Feb.	pant ex	. ref.	Farbetness	Light	thous	e + su	A. stations	20004		

Position of Station on reduced Ordnance Survey Map. No. of Map. Reference No.

		1 inch Ser		Distance Direction		
Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1948			Feorn .	12ml 5W		

M. Form 1903.			-			ogica –	al Off	fice.	577	8 17/5/	62.
RAINFAL	I. at	-	lar	hats	244		Station	n 100	/		Ę
County of R		P	1		Okama	_		N	Liel	House	
River Basin5	- J		OLE	146	Ouserve	Price	rial 1/	20,001 F	[nno		13
				W-EA		2.2.5.5.	1	1	0		
Type of Gauge					Don't	J of ano	15	28-1-	1915	Pot S Cian	١.
uuat Average 📯 : 🔊 . in	, basea or	1.4.1yea	rs 00s. <del>an</del>	s-weighted	, I crit	a oj ave.					
Diameter 5 <sup>n</sup>			785	448							
Height 1' 3"				1				Pi	7/1		
Altitude 62				51					1		
Year 1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January 2.62	0-79	0.61	0.93	0.64			292		1		
February 1.38	1.37	.97	1.09	1.24			124				
March 1.46	2.23	٠29	1.40	-82			.78				1
April 2.18	.42	1.20	.77	1.12			694				
May 0.47	1.32	1.69	3.09	2.39			2.41				
June 89	1.21	1.05	2.29	1.47			1.86				1
July 1 · 18	1.78	3.56	2.52	.35			1.68				1
August 3.57	3.25	2.01	1.68	-31			774				
September ·73	1.06	1.53	1.80	1.91			12				
October 1.08	1.18	. 84	4.22	3.65		1	2.1/3				
November 4 05	1.70	1.79	2.36	1.09			(94				
December 2.65	1.54	1.78	3.89	4.24			291				-
Тотакз 22 Э	17.85	17:32	26.04	19.26			22.97				
np.	n.p.	n.p.	mp.	n.p.			V				
151. n.p. check. 162. n.p. check. 163 154 n.p. check. 1955 n.p. check. 1958 Print.											
960 Terminited											

Date.	Date. Lat. N. Lon		Railway Station.	Distance Direction from gauge:	Parish Church.	Distance Direction from gauge.		
- 0.7		5 41 19						
		8 472						

Summary of Earlier Records from 10-year Sheets:

Summary of E	arner necoras from	n 10-year Buccio .				(N	4
		1910-19	1920-30	1931-40	1941-50	1951-60	
Record		1	1	V	1941-42 NP		
D, or d	State of the last	-	D 28.29.	M3132 -	1945-48		

A.M. Form	n 19	03.	Air	Minis	try,	Mete	eorol	ogica	al Of	fice.		78544	
										m No	5779	B N	NR
R	AIN	NFAL.	L at		Larl	pathe	00	Ω		. 1	1		5
	unty e			Cron	1		Observe	r F	incip		an por	( ox Ho)	
Ric	ver B	asin	T - I	) omo	山下	irlt		Com	rs.dN	hight	was proper	- Karu C.W	130
Ty	pe of	Gauge	H.O.4	45/46.10	W. (on	lown)		14	rupal	Keyn	woo!	- 11 again C.10	uni
Annual Ave	rage.	22. 2 in.	based o	n. 51. yea	rs obs. w	n-weighte	d. Peri	od of aver	agel.	881-1	915	Ref. J. (154)	Av)
(See 4	ורה	4							File	No			
Diameter		5"				785	449				5"		
Height		1'0"				700	3				1'0'	THE PARTY NAMED IN	1
Altitude		-		-			51		×				
		60					-		4050	1050	4000		1
Year	r	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	-
January		2.20	1.12	0. 97	0.99	1-13	2.78	2.22	1.62	3.12	2.32		1
February			1.34	1.40	1-21	.97	1.60	1.00	1.74	0.29	н3		
March		1.34	219	.43	1.44	-82	.59	2.72		1.68	(1.46)		
April		2.15	.48	1.37	73	1.00	2.00	.52	1.04	/ -	0.77		
May		.44	1.19	2.23	2.98	2.28	(.22	71		0.50	.38		
June		1.11	1.21	1.09	2.17	1.44	1.79	2.11	1.86	hup )	2.61		1
July		1.65	1.72	3.49	2.62	-34	5.33	6.25		2.56	1.93		
August		3.70	3.37	2.06	1-61	-29	3.78	3.27	3-74	1.13	3.93		
Septemb	er	- 69	1.18	1.57	1.80	1.84	1.96	(000)	1.52	0.68	1.85		
October		1-13	1.10	. 82	4.26	3.55	2.41	1.05	2.13	2.12	3.09		
Novembe	er	3.85	1.79	1.93	2.47	1.07	1.39	-97	-94	2.22	1.29		
Decembe	r	2.54	1.73	1.84	1	4.24	1.81	3.80	2.51	0.72	0.40		
								6512		10.00			-
TOTAL	s	22.20	18:4:	19:20	25.89	19.06	26-66	25.42 m	22.97	19.52	21.16		
1948	-	سالمان	D	134'1	P IN	D D	0	Van de	7	نول ۱۲	0	o°. wall	
		-	are	نه من	olano	e 837.	Ago p	معدما	- N.	w.			
· m	4.4	mr 11	mid	Antes		V land d	upperf of	00104	copes E		10004	Salesful org.	
l. A	14.5	9 M. T		Sale	o.	innet	satis 1		63.5			volved)	
Aust 2017				factority									
	Pri	ine est		0. Ed.	in.						08 2/6		107
Position of	Statio					10 PM		nce Direct				Distance Dir	
Date.		Lat. N	. L	ong.	Railway :		120	om gauge		Parish Cl	hurch.	Distance Dir from gar	ige.
1140		1				_							
							-		-				
Summary of	Earli	ier Recon	ds from	10-year S	Sheets :						6		09
3 3	T			1910		192	0-30	19	31-40		941-50	1951-	50
Record	-	MARIE							15	C1949	dinds, 4		

(62) Wt. 13072-389 10M 6/50 T.S. 841