Caithness.

Thurso - 3						SUFF				Harris	
YEAR	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	MEANS
January			2.01	1.27	4.97	2.41	3.69	1.18	2.00	4.19	
February				3.15							
March		0		1-14	The State of						
April		2			THE STATE OF	2000000				1.05	
May	1	13			,				Section Control	1.46	
June	3	2		4.54							
July	3	6							Local Date St.	1.93	
August	3	0,								1.85	
September -	5	3								5.05	
October	1	6.29		3.05							
November -	3	9.00					-			2.71	
December -	9 42	1	1	4-83							
Totals -		1					1	,		20.60	

Diameter of Gauge, in. Height above Ground, ft. in. Above Mean Sea Level, ft.

Thurso - 3. 1840 1841 1842 1843 1844 1845 1846 1847 1848 1849 MKANS. 4.85 3.39 1.85 4.00 3.00 1.74 2.72 .83 1.70 4.56 2.864 February- -1.56 1.16 .84 .30 1.91 2.03 1.41 1.04 2.74 2.57 1.559 .78 1.94 3.10 1.34 2.32 1.61 1.47 .47 1.28 2.40 1.671 .97 1.14 .25 2.72 1.04 .42 .78 2.91 .95 .81 1.205 2.86 2.33 1.08 2.01 .78 1.10 .98 1.44 .85 .69 1.412 1.99 1.60 2.66 .92 2.54 1.25 1.85 1.71 4.10 1.33 1.995 3.00 2.41 2.76 2.86 .64 2.08 1.34 2.64 2.99 2.79 2.357 2.43 3.46 4.00 1.60 2.96 3.34 3.71 1.84 2.55 1.53 2.775 September -5.32 3.06 1.92 .82 1.26 1.21 .56 3.09 .80 1.65 1.969 October - -6.18 4.33 4.36 4.50 2.96 6.12 4.24 2.46 1.53 1.52 3.850 November -3.61 3.31 3.54 3.14 4.75 3.19 1.32 1.94 3.79 1.96 3.058 December -1.74 4.11 2.84 2.30 1.29 6.63 1.33 3.40 1.25 1.90 2.679 TOTALS -35-29 32-57 29-26 26-51 25-51 30-72 21-71 24-13 24-53 23-71 27394

Caithnean

_	Diameter e	of Gauge,	in.	Hei	ght above (round,	ft	in.	Above Mea	n Sea Lev	el,	. ft.
	Thurso - 3.											
	YEAR	1850	1851	1852	1853	1854	1855	1856	1854	1858	1859	MEANS.
	January										2.71	
	February										2.14	
	March										1.33	1
	April										2.47	1
	May										,23	
	June										2.06	
	July										2.23	
	August	1									1.44	
	September -										2.18	1000
	October										6.31	1
	November -										1.44	
	December -	1.06	1.40	5.25	.66	5.04	2.66	4.51	1.79	2.23	1.41	2.634
	TOTALS -	28.31										

Dunnethead

Lat 58.40.16 Lon 3.22.20 Caithness

+ Ground 36 + See Level 300 6

YEAR	1860	1861	1862	1863	1864	1065	1066	1067	1068	1869	MEANS.
January	1.22	1.14	2.92	2.22	.50	1.52	2 /4	2.40	1.15	1.63	1.684
February								2-17			
March								1.17			
April								4.04			
May	1.43	1.55	2 48	1.35	1.46	1.35	.04	1.12	1.32	. 89	1.379
June	1.81	.76	2.21	1.23	1.91	1.16	1.22	1.82	1.55	1.46	1.573
July	1.06	3.43	1.65	.53	2.17	1.00	1.76	2.88	.74	2.15	1.82
August								1.56			
September -	2.45	1.87	1.16	3.16	2.79	1.66	2.96	3.90	1.71	3. 02.	2.46.
October	4.93	3.04	2.73	4:37	3.04	3.17	1 55	4.90	1.73	1 65	3.111
November -	2.77	5.82	1-73	2.05	3.56	1.45	6.90	1.90	76	2.10	2. 904
November - December - Totals -	2.54	1.89	25.11	21.1.2	3.36	71.05	3.69	2.44	2.39	10.03	2:412

RAINFALL AT Thurso Dunnethead Lon County of Caithness Observer Board of Anthon Lights Thurso - 3. 3 .6 Height Altitude .. YEAR ... 1871 1872 1873 1874 1875 1876 1877 1878 1879 37 1.02 . 59 3.46 7.80 2.34 3.10 2.90 1.40 23.82 1.10 1.03 68 1.04 1.51 329 2.60 2.80 1.15 1554 90 21 1.15 227 10 409 95 303 120 14.14 18 1.20 1.27 32 63 3.17 2.85 1.75 50 2.90 15.37 .40 .71 .84 51 1.88 1.35 2.90 1.90 1.30 11 43 1.93 56 1.65 132 93 3 55 90 95 35 1.11 .58 1.75 3.00 2.03 1.90 2.43 2.70 1595 .69 232.30 1.89646 294 2.28 340 60 5.40 26.19 September..... 3.42 .46 1.97 2.36 6.34 2.63 3.57 .90 3.90 1.80 27.35 2.02 .40 2.90 4873.644.09 3.75 3.25 210 2.60 29.32 November 2 . 05 34 3 - 13 282 2 90 4.73 5.80 5.45 2 15 2.00 31.37

December.... 1.06 1.003.08 52 295 1.80 6.61 3.30 4.00 1.75 26.07

206616.81 33.60 34:97 38.89 33:05 27.21 25.15

1870 Incorrect. 1871 June G. under repair

TOTALS 11.79

RAINFALL AT Dumathend Country of Caithness Tat Observer Bd. of Northern Lights Rain Gauge, by. Thurso - 3. Diameter Height 3. 0 Altitude ... Year 1880 1881 1883 1884 1882 1885 1886 1887 1888 1889 MEANS January 95 (50 2.33 2.82 3.72 /33 3.47 2.75 2.23 February 2.75 1.36 307 3.13 1.70 2.78 1.12 1.96 2.18 4.35 March 1.95 .65 3 47 1.72 5.25 1.66 2.18 .77 2.82 1.66 April 1.40 2.15 72 82 73 1.69 1.81 2.62 2.31 2.57 May 51 2.00 1.86 2.22 2:23 1 62 2:13 1.85 2.11 .52 June32 240 4 27 -71 1:15 3:23 2:90 1:37 1.57 75 July 75 3.15 2 82 2.25 1.86 1.21 2.90 2.76 1.95 1.72 August44 2.80 3 28 3.58 4.86 1.66 3.09 2.49 3.00 5.36 September70 1.55 412 3.20 46 267 137 2.15 1.81 2.38 October..... 1.38 3.01 3.04 2.68 5.27 3.35 2.11 2.19 4.47 3.53 November

90 1.98 07 3.97 4:06 2:31 2:73 3:38

3.152.90 4 55 4-76 3.62 2.65 4.08 4.36

15 20 mg 4 4 1 3 1 31. 86 34 91 26 16 30 09 28.65

4.52 2.58

2.72

31.69

31.67 31.081

W. VII. 13

December

TOTALS

RAINFALL AT Dunnethead

Lat.				Len		Con	unty of	bai	three	20	
Thurso - 3.		Rain C	Sauge, by .			Obser	ver Boos	agn	orhem	Lydle	
Diameter											
Height	30										
Altitude	1										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS
January	2.61	1.96	4.21	1.89	2.15	1-79	3.30	.42	2.77	3.52	2.46.
February	1.13	2.38	2.53	2.20	3.06	-84	.42	-82	3.31		
March	4.06		1.10								
April	1-20	- 40	2.10	-70	. 23	2.15	.91	.74	2:35	1.91	1.26
May	1.72	3.10	2.09	1.73	1.87	.51	1.68	.77	1.79	1.54	1.68
June	3.72	1.70	2-15	.56	1.86	1.44	2.56	.59	2.13	.60	1.43
July			2-43								
August			3.67								
September			2.54								
October			4.18								
November			2-84								
December			1.87					2.33			
Totals	37.50	34.94	31.71	33.35	26.35	22.92	27.99	13.68	31.30	24.55	28.42

RAINFALL AT Dunneshead

County of Caithness Observer Hound of Northern Light Rain Gauge, by Thurso + C - 3. Diameter Height Altitude 246 1900 Year ... 1901 1902 1903 1904 1905 1906 1907 1908 1909 MEANS January 3.57 1.93 2.53 2.57 1.90 2.48 2.95 2.14 1.40 1.80 2357 February 2.00 2-77 1.35 3.40 4.20 2.30 4.05 1.54 3.00 .98 2559 March 2.43 2.30 3.98 2.48 2:60 .44 2255 April . 1.25 1.91 1.01 2.43 3.52 3.83 1.06 1.45 1.45 2:006 2.15 1.46 1.47 1.71 1.00 1.667 1.10 1.78 2.20 2.80 1.35 1.80 1.17 1.730 4.42 3.00 1.05 .95 1. (0 July 3.31 1.54 2.86 4.15 .97 1.93 2.00 1.50 1.06 2:10 2:142 August 2.14 3.12 2.09 3.77 3.09 2.89 2.20 1-46 1.95 2.93 2:564 September . 16 4.61 1.00 1.90 2.63 2.68 3.95 1.77 2.52 2:511 3.94 2.95 2.21 6.40 3.35 3.63 2.20 1.85 1.83 3.54 3.190 November 7.08 3.606 3.28 5.05 6.17 2.00 2:09 2.59 3.60 1.10 3.10 1.83 2.90 2.26 1.53 2:65 2:572 4.19 3.24 3.02 2.60 1.50 TOTALS .. 23.27 26.61 27.66 29.159 30-31 28-5423-73 34-69 31.02 35-45 30-31

RAINFALL at Dunnet Head 5814
Country of Caithness Observer Od of Northern Lights
River Bain Thurso + C. 3

Rain Gauge, by

1											
Diameter	3										
Height	10										
Altitude	246										
Year	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January	3.84	1.84	2:00	1.02	2.71	2.40	3.39	3.24	. 83	2.51	
February							/	.79			
March	1.78	2:29	3.60	2.25	2-12	3.20	1.12	1.86	1-38		
April	3.89	234	2.88	2.30	.48	1-12	2.13	3.02	1.23	426	
May	241	1.94	2:60	2.07	2.34	85	2.60	1.57	2-39	.51	
June	.86	1.92	.75	1.81	-30	-34	2.15	3.40	1-63	2.94	
July	1.58	123	2:50	1.07	2.70	- 68	1.36	.63	6.75	.95	
August	3.69	1.50	5.66	.79	.91	1.14	1.13	1.86	401	6.07	
September											
October											
November	4.85	3.01	3.04	3.79	5.16	2.22	281	4.68	2.76	6.46	
December	2:11	4./3	4.91	3.87	2-30	472	3.07	2.23	3.89	5.48	
Totals	29.57	26.78	33:99	24.42	28-50	2326	26.32	32.50	33.46	39.5-1	

1915? bad.

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

RAINFALL at Dunnet Head

County of Caithness	Observer Board of northern Lights
River Basin Thurso & C. 3.	
Rain Gauge, by	

Diameter	3		19,0				5				
Height	1.0						1.0				
Altitude	246		347			1.7	331		77		
Year		1921	1922	1923	1924	1925	1926	1927	1928	1929	MBANS.
January	4.71	5.53	4.75	5.03	3.47	2.45	2.38	2.95	4.02	1.03	2.89
February								7			1.00
March									-		1.37
April	2.04	.76	3.62	2.20	1.50	2.22	2.19	4.80	.72	1.21	127
May		/					0.00			1.59	1.18
June						Franklin Co.				4.78	1.95
July	2.31	2.76	2.43	3.27	2.53	1.86	1.02	24	1.92	1.91	197
August		1								5.06	6.78
September		1						2.25			3.44
October	.40	4.00	1.69	7.88	2.90	4.83	6.38	3.85	2.15	3. 58	4.65
November			1								3.99
December	1.93	6.13	3.68	458	1.65	1.99	4.43	.05	2.09	8.09	3.89
TOTALS		10.1	243		V		.1.	0/ 21		200	

Caledoni 1926 5, an ground sloper to N. Lighthmactures to you will won love ground, height above run gampl about 30 gs. Standards, with run 12 in above ground

Position of Station on reduced Ordnance Survey No. of Map Reference No. Map, 2 miles to 1 inch Series											
Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge					
		70.0									

Ans

Air Ministry, Meteorological Office.

581LL 31

RAIN	F	ALL	at	Du	nnet s	Head.						
County o							verCon	n'sa 06	N. Sy	ghthou	aeo,	
River Ba	sin.	3-	Hurs	oqe,								
Type of	Gau	76										
wal Average 3	0.2	in based	on 48	years ohs	na meial	ted. Per	riod of as	erage	1881-	1915	Ref	S
Tecrugo		.ere. Octoba	ON	jairs ove.	an-weign		tow of the	ortego				
Diameter		5.										
Height		1. 0.										
Altitude		331										
Year		1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January		384	4.16	1.35	1.33	3.56	4.78	5.12	4.23	2.81	.35	
February		3:31	.48	3.63	1.91	255	1-14	3.59	1.87	1.56	.21	
March		.79	3.18	2.02	3.15	3.13	.66	207	3.21	1.68	1.45	
April		1.32	342	1-69	5.23	2.22	1.65	.43	92	.84	.82	
May		3.64	1.96	0.80	.01	.52	1/20	.46	1.79	.78	.01.	

1.16 2.04 2.00 1.04 2.10 3.10 .64 June 2.82 3.11 2.54 2.66 449 ... 423 3.12 July August 1.10 3.20 3.82 4.56 4.33 254 1.80 1.44 .70 091 2.53 3.29 1.20 235 243 1.08 94 3.92 September 1.47 192 5.50 5.33 2.88 4.41 437 1.63 2.63 3.96 October 2.91 1.83 2.27 1.31 2.91 3.06 1.09 November 3.98 3.63 201 5.54 1:10 3.14 2.99 1.41 2.05 1.99 .90

TOTALS 3442 33.66 24.21.35.24 35.73 23.06 32.08 30.90 17.78 12.96

1939 mg law

Date.	Lat. N. Long.		Rallway Station,	Distance Direction from gauge	Parish Church.	Distance Direction from gauge		

1949 Sept & Oit app. kadj. most.

Position of Station on reduced Ordnance Survey Map, 1 mile to 1 inch Series Reference No.

Date.	Lat. N.	Long.	Railway Station,	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.	
					14 141 (1 1 A		

RAIN					Duns	ا عم	Head	- Anna Carlot	n No	2810	<i>†</i>
County of	of t	auth	uss.			Observe	lon	25	N	Light	معمده
River Be		-Th		. C					•		
Type of	Gauge										
nual Average.	30.2 in.	based on	48 yea	rs obs. 🛥	weighted	. Perio	d of aver	age	881-	1915 R	gS
								File.	No		
Diameter	5"										
Height	11'8"			0		/					
Altitude	331				/						
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	2.10	2.62	2.22	(3.24)	1.63						
February	2.27	2.08	1.83	(3.58)	88						
March	1.55	2.96	0.89	1-46	0.54						
April	2.48	0.99	1.74	1-02	1.48						
Мау	0.36	1.67	1.06	263)	2.15						
June	.58	1.80	1.57	(3-44)	0.70						
July	2.86	3.22	3.31	(3-53)	0.30						
August	1.84	2.24	1.47	1.22	0.93						
September	0.59	1.75	2.84	3.777	3.85						
October	0.82	1.62	1-16	6.04	4.15						
November	3.73	3.36	1.73	499	1.96						
December	4.06	3.39	1.58	504	6.81	*					
Totals			21.40	(04.21)	26.34		./.				
51. n.p. la	n.p.	n.p.	h.P.	63404	NP.	NR	NR			-	
952 m.p.	ow.										
954 mp 15.	mul 0	at-							adv	sed by	MOE M
900 Tenm			neon	سه ماء	e'd m	mu	100-			ne for	4.70
, 2,4,4,4			7						love .	4.	4/25
sition of Statio	n on Ore	lnance O	ne-Inch 1	map:	No. o	Мар		. Na	tional Gr	id Reference	29/20376
Date. Lat. N.		. Lo	Long. Railway		Station. Distance from		nce Direct om gauge	nee Direction pm gauge		nurch.	Distance Direction from gaug
		1								. /	
nmary of Earli	er Recor	ds from	10-year S	Sheets:						B	nd n
)-30	1931-40			941-50	1951-60
Record D, or d			-		-		(31-38 mp. 39.40		1941	- 44 19	