

RAINFALL AT *Shetland, Baltasound - Hallgarth* 1905Lat. .... Lon. .... County of *Shetland**Snowdon* Rain Gauge, by *N. + B.* Observer *Rogers, Meteo. Soc.*  
*P. Buchan F.R.S.*  
*5000 ft. M. S. S.*

Diameter ..									5			<i>Dr. F. Edmonstone Snoddy.</i>
Height ....					10							
Altitude ..					51				31 T			
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..					5	4.84	4.95	4.44	4.40	3.83		
February ..						5.12	5.30	3.72	4.04	1.50		
March ....					3.04	2.58	3.50	3.66	3.15	3.08		
April .....					3.99	3.21	2.78	2.25	1.82	2.33		
May .....					2.45	1.93	5.08	1.42	1.81	1.80		
June .....					1.84	1.35	1.53	2.60	2.43	1.53		
July .....					1.01	2.85	3.37	1.07	1.83	3.68		
August ....					2.08	3.49	2.36	4.01	1.84	2.13		
September ..					2.05	1.90	3.15	2.81	3.35	1.60		
October ....					4.96	4.53	5.21	3.50	1.17	5.28		
November ..					4.58	5.09	3.74	5.53	5.13	3.88		
December ..					5.76	3.39	5.37	3.22	5.18	5.38		
TOTALS ..					44.80	40.28	46.34	38.23	36.15	36.02		

1904 (Total) recd with 1908 return "I.Og. Entered I.T.V. Og.

1908. Ulst Church 1 mile W.

RAINFALL at Unst, Balta Sound, Halligarth 5834County of ShetlandObserver Dr. J. Edmonstone Saxby

per S.M.S.

River Basin

Snowdon Rain Gauge, by N.T.B.

Diameter ...	5										
Height .....	10										
Altitude ...	31 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	5.60	3.85	2.53	2.74	4.36	4.95	(5.80)	2.27	2.25	5.50	15.82
February ...	3.42	4.70	3.84	5.02	3.98	3.74	(3.70)	1.95	4.38	2.45	12.48
March .....	2.77	2.30	3.26	5.88	3.87	3.43	(4.05)	4.30	1.76	4.58	14.69
April .....	5.67	3.55	2.64	2.47	1.99	3.14	(1.75)	2.86	1.37	4.58	10.56
May .....	2.25	2.55	3.26	2.65	3.15	1.43	(5.75)	1.30	1.20	.52	2.77
June .....	1.42	2.58	1.37	1.83	1.01	1.65	(2.80)	1.65	3.38	3.63	11.46
July .....	1.99	1.75	1.90	.93	2.58		(2.15)	1.11	2.52	1.21	6.99
August .....	2.50	3.20	2.71	1.05	1.82		(1.45)	2.51	3.85	3.44	10.25
September ...	2.22	4.14	1.79	1.29	3.62		(1.35)	6.59	3.98	6.88	18.30
October ...	2.09	1.98	4.67	3.94	2.99		(4.50)	10.88	4.49	3.78	23.65
November ...	6.85	4.89	5.31	5.41	6.48		(4.25)	5.50	4.32	5.26	19.33
December ...	5.12	5.52	5.95	5.50	6.35		(4.95)	4.60	4.82	5.29	19.66
TOTALS ...	41.90	41.01	39.23	36.71	42.20		(41.50)	45.52	38.32	47.12	172.46

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for 1916-50 being 1st Jan 38.5 (100-1915) Halligarth 42.1 (100-1915) =  $\frac{H}{F} \times 100 = 119$   
 $\therefore$  Halligarth for 1916 missed by 19% (checked to nearest tenth of 100)  
 118.8

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911						Parish	1 mile	W.
1912	60.4540	0.51						

RAINFALL at Unst, Bally Sound, HalligarthCounty of ShetlandObserver D. J. E. Searby

River Basin \_\_\_\_\_

Shetland Rain Gauge, by N. J.

Diameter ...	5			5								
Height .....	1	0		1	0							
Altitude ...	31			31					20			
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	
January ...	6.57	6.29	2.71	6.59	4.00	5.47	4.64	6.57	6.81	3.07	4.16	9688
February ...	6.10	3.92	3.62	4.11	3.85	6.79	4.78	3.76	4.30	1.52	1.20	4395
March .....	6.51	6.18	3.49	1.23	3.17	3.08	4.81	3.85	2.21	1.04	3.67	3924
April .....	3.72	2.27	4.38	3.61	2.62	1.88	2.65	5.54	1.95	3.15	1.65	3342
May .....	3.86	3.35	3.61	4.55	3.16	1.77	2.84	2.02	1.54	2.14	1.49	3033
June .....	.81	1.49	2.10	2.64	2.35	1.18	1.71	4.46	6.32	2.75	3.97	2968
July .....	3.04	2.35	3.37	2.27	4.87	1.93	1.03	0.94	2.97	1.02	1.93	2572
August .....	.98	1.82	4.03	3.80	1.72	2.38	4.55	2.25	3.72	3.83	2.92	3201
September...	3.22	3.20	3.90	6.00	3.51	3.68	4.92	4.40	2.82	3.27	4.48	4340
October .....	.73	5.80	2.09	4.89	3.17	4.91	4.11	4.03	5.33	7.37	5.51	4794
November...	6.44	3.74	6.09	9.11	3.91	5.09	5.33	5.14	5.41	6.39	5.47	6212
December...	4.04	6.30	5.90	5.92	7.71	3.74	5.42	1.32	5.98	6.30	4.96	5759
TOTALS...	46.02	46.71	45.29	54.72	43.41	41.90	46.79	44.28	49.36	44.85	41.42	50223

Position of Station on reduced Ordnance Survey } No. of Map \_\_\_\_\_  
Map, 2 miles to 1 inch Series

Reference No. \_\_\_\_\_

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1912	60°45'40"	0°51'				Parish	1 mi	W



RAINFALL at Stac E Baetasound (Haddigarth) M.W.R.County of ShetlandObserver Mr. J.E. Saxby, F.R.F.S., J.P.

River Basin .....

Type of Gauge SnowdonAnnual Average 42.1 in. based on 6 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. A.W. Shet.

Diameter	5.										
Height	1.0.										
Altitude	31.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	4.34	4.63	5.22	5.59	4.42	4.61	5.85	6.62	4.08	3.41	4877
February	6.23	1.13	3.79	3.40	3.89	3.28	6.42	2.95	4.82	3.27	3918
March	1.26	3.26	2.58	3.69	4.46	3.58	3.54	4.94	4.00	6.74	3805
April	2.52	4.00	2.89	2.76	2.72	2.16	1.99	2.27	3.33	3.42	2806
May	3.25	1.79	1.12	3.46	1.34	1.15	2.78	3.85	.67	1.98	2139
June	1.92	1.45	.96	2.02	2.42	.56	4.58	4.47	2.02	1.34	2174
July	4.11	4.31	1.50	2.29	7.55	3.96	1.43	3.66	4.22	3.70	3673
August	.50	3.43	4.05	1.92	5.22	2.87	1.69	1.76	2.74	4.51	2869
September	1.65	6.21	3.92	4.35	5.82	2.18	3.58	2.63	1.32	5.36	3702
October	4.53	4.61	5.86	7.38	6.84	4.97	4.30	7.13	2.47	3.82	5096
November	5.09	3.84	2.93	4.20	3.85	4.38	3.15	4.73	5.80	7.00	4497
December	6.49	3.62	2.50	4.02	6.07	5.58	6.89	5.81	3.91	4.25	4914
TOTALS	41.89	42.28	37.32	45.08	54.60	39.28	46.20	50.87	39.38	47.80	44470
	D.	D	D	D	D	D	D	D	D	D	

1931 Loose stone wall 3' high 15 yards E. Open to S.W. &amp; N.

44970

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

Date	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church	Distance from gauge	Direction from gauge
			Abdeen			Baltasound	1 m.	W.

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

RAINFALL at Batrasound (Halligarth) Station No. 5834 M.W.R. 41  
 County of Shetland Observer D.R. T. E. Saxby F.R. FRS. J.P.  
 River Basin Shetland  
 Type of Gauge Shetland

Annual Average 42.1 in. based on 6 years obs. un-weighted. Period of average 1881-1915 Ref. P.W. Sheet

File No.

Diameter	5"			759	234						
Height	1'0"				3						
Altitude	31'				41		30'				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.40	5.08	4.67	7.61	5.52	4.57	3.78	5.76	6.91	4.50	5080
February	4.00	3.24	4.69	4.48	5.06	5.66	1.36	3.13	4.90	3.54	4006
March	2.90	3.64	4.01	4.33	3.48	2.81	6.28	2.32	4.08	3.66	3691
April	1.82	1.50	3.76	2.87	2.85	3.43	5.56	2.60	3.64	3.51	3154
May	1.81	4.78	4.02	2.04	2.94	1.11	.54	2.57	1.77	1.61	2319
June	1.49	3.03	2.29	2.28	2.94	4.94	2.76	2.29	1.37	3.66	2705
July	1.82	2.43	3.09	2.44	1.14	3.04	.89	2.92	1.80	3.71	2328
August	3.14	2.37	3.91	2.68	2.57	5.63	1.05	1.39	3.23	(4.90)	29.87
September	2.60	4.83	5.57	3.31	2.97	5.29	4.09	4.50	3.23	(6.20)	42.59
October	3.47	7.14	3.87	4.24	4.14	1.28	2.33	6.09	4.95	(6.80)	44.31
November	5.19	4.50	6.25	6.35	3.79	5.62	6.78	4.32	4.83	(5.50)	53.13
December	6.48	5.73	3.18	6.11	4.00	5.19	3.85	4.67	7.57	(3.60)	5038
TOTALS	37.12	47.67	49.31	48.74	41.40	48.57	38.27	42.56	48.28	Imp. 51.19	453.11

Hand appears high but D. Saxby is credited his measurements are correct.  
 Dr. Saxby, seriously wounded, is at the point of retiring when replacement can be found. Records here  
 been taken but may be late.

1950 June 26-30<sup>th</sup> est. ref. sur. stations

July - acc. est. ref. mainly to maps. Total for annual comp.

Position of Station on reduced Ordnance Survey Map,  
 1 mile to 1 inch Series

No. of Map

Reference No.

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

BRITISH RAINFALL ORGANIZATION

51

Observer Dr. T. E. Saxby <sup>April 11. X. 52.</sup> OBE FRFRS

M.P. Talbot S.S.S. Polson, Esq.

1953 Karb II MOS411/51

44.93 .. - - 35 .. .. 1916-1950

1916-1950 P

[illegible]Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference ~~HE 111 111~~

Summary of Earlier Records from 10-year Sheets: 1916-1950 and 1951-1955. HR 1916-1950, P. (1916) accepted

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d	1910-14. 15 inx. 1912-19 —	✓ D 21-30	✓ ✓	1941-42 ✓ 1943-49 D 1950 Imp	