

# RAINFALL AT

*Dune Castle*

Lat. ....

Lon. ....

County of *Berwick*

Rain Gauge, by ....

Observer, *A. Buchan Esq.*

*Shed, Whitadder - 44.*

Diameter ....										5	
Height .....										1.0	
Altitude ....										500	
Year.....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....							4.20	1.22	1.66	.87	
February ....							7.4	.53	2.43	1.45	
March .....							3.33	2.22	2.97	2.64	
April .....							1.37	1.07	2.47	4.13	
May .....							4.05	2.13	.86	2.12	
June .....							1.39	.65	2.97	.66	
July .. ....							3.74	2.42	4.92	4.89	
August .....							1.70	1.73	2.19	4.75	
September....							1.89	4.84	.72	1.53	
October ....							3.69	1.63	1.13	5.84	
November....							1.92	4.32	5.27	.76	
December ....							2.30	2.74	.92	1.05	
TOTALS ....							30.32	25.50	28.51	30.69	

RAINFALL AT *Dunro Castle*

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of *Berwick*

Rain Gauge, by \_\_\_\_\_

Observer *Mr R. Aitman**Gued, Whiteadder - Lt.*

Diameter ....	5											
Height .....	10											
Altitude ....	500											
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....	2.27	1.73	2.20	2.04	3.28	4.86	1.22	2.33	.65	3.58	2.416	
February ....	1.47	.14	2.36	3.38	6.27	1.56	1.26	1.38	1.81	1.95	2.158	
March .....	2.14	4.25	1.54	1.13	1.17	3.80	2.19	4.33	1.68	3.16	2.539	
April .....	.83	1.25	1.08	1.29	1.56	1.18	1.19	1.60	3.35	3.06	1.639	
May .....	1.30	1.56	2.85	2.18	3.96	1.07	.99	1.52	2.23	3.85	2.151	
June .....	3.11	.83	2.71	3.34	2.43	2.73	2.03	3.21	1.42	1.31	2.312	
July .....	2.84	1.88	1.76	3.09	3.15	5.91	3.30	1.84	1.06	3.29	2.812	
August .....	4.22	5.30	3.17	1.71	4.73	3.72	2.43	3.93	3.46	1.11	3.378	
September....	2.17	6.22	1.38	1.09	1.78	.32	4.53	2.32	1.59	3.49	2.489	
October .....	2.64	1.83	5.27	1.52	4.84	7.10	5.81	2.77	6.08	1.80	3.966	
November....	4.39	2.98	1.20	3.47	1.08	3.15	1.51	2.63	3.65	2.75	2.681	
December ....	2.20	4.15	1.63	1.78	2.08	2.65	8.03	2.98	1.59	3.64	3.073	
TOTALS ....	29.58	32.12	27.15	26.02	36.33	38.05	34.49	30.84	28.57	32.99	31.614	

1897 *Dunro Church* 1 mile E

RAINFALL AT *Dunse baath*

Lat. ....

Lon. ....

County of *Berwick*

Rain Gauge, by .....

Observer *Mr. R. Aikman*  
*Mr. J. Aikman**Dunse, Whitadder - 14.*

Diameter ..	5											
Height ....	10											
Altitude ..	500											
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ...	3.77	2.17	1.53	3.57	2.70	.44	2.17	.62	2.25	1.25	2.059	
February ...	6.88	3.12	1.56	3.30	3.33	1.10	1.08	2.29	1.99	2.47	2.712	
March ....	2.66	2.03	.99	2.36	2.42	2.27	2.30	1.69	4.29	6.58	2.759	
April .....	1.59	1.75	2.22	1.82	1.82	3.75	1.38	1.57	1.83	3.78	2.151	
May .....	1.30	2.60	3.30	1.60	3.03	.73	7.32	3.65	2.52	2.34	2.839	
June .....	3.67	1.42	2.96	2.32	2.15	.41	1.74	3.65	1.31	1.74	2.127	
July .....	3.30	1.41	1.97	5.40	2.61	2.00	2.27	1.74	4.05	2.46	2.721	
August ....	5.67	4.26	1.03	4.28	3.10	4.04	4.73	2.41	1.88	2.36	3.376	
September ..	2.20	1.17	1.19	2.67	1.30	2.87	.57	1.05	2.37	2.55	1.794	
October ....	5.35	1.80	1.97	7.93	.83	3.94	7.13	6.03	3.51	3.54	4.203	
November ...	4.95	3.65	2.11	1.71	1.46	4.76	3.50	1.88	1.40	.59	2.601	
December ...	3.67	3.80	3.97	1.96	2.16	.50	2.55	3.30	.53	4.08	2.622	
TOTALS ..	45.01	29.18	24.80	38.92	26.91	26.81	36.74	29.88	27.93	33.74	31.964	

1903 Dunse Church 1 mile E

Station 1/2 S.E.

apple trees 7 ft high 9 ft E S + N.E.

1904. Amendments to Jan. June & Dec. from min. 17.2 f 28.3 f 27.6 f  
N.E. Edm.

H.W.



## RAINFALL at

Duns Castle

County of

Berwick

Observer

Mr. P. Smith

River Basin

Tweed - left bank side. 4.

Rain Gauge, by

Diameter ...	5											
Height .....	1 0						3 0					
Altitude ...	500											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	Sums
January ...	2.62	1.34	2.31	2.71	1.58	2.00	2.02	3.28	2.55	3.64	24.05	11.49
February ...	1.98	1.23	2.67	.92	1.70	3.24	3.89	1.10	2.05	2.86	21.64	9.90
March .....	.79	2.38	2.28	3.14	3.71	1.87	3.94	1.28	1.22	2.79	23.40	9.70
April .....	2.01	1.41	.06	2.99	1.11	.46	2.48	2.19	.93	1.47	15.11	7.07
May .....	1.61	.83	.91	2.53	1.83	1.37	3.08	1.92	2.17	1.01	17.26	8.18
June .....	.86	5.15	4.58	2.75	2.77	1.65	2.33	1.02	.34	1.28	22.73	4.97
July .....	3.80	.71	1.80	.74	1.57	4.55	4.94	2.20	3.27	.71	24.29	11.12
August .....	3.90	1.18	4.70	1.55	1.72	2.87	3.98	8.16	1.71	2.49	32.26	16.30
September ..	1.01	1.61	3.28	1.73	.92	2.89	2.83	1.30	5.76	1.38	22.71	11.27
October ...	3.69	3.98	3.25	1.73	2.28	2.34	3.34	3.93	3.26	3.24	30.99	13.77
November ..	3.75	5.31	1.72	1.80	4.09	2.97	2.91	2.11	1.29	7.01	32.96	13.32
December ...	1.78	4.20	2.00	1.52	5.38	6.62	3.71	1.69	1.94	3.77	32.61	11.11
TOTALS ...	27.80	29.33	29.56	24.11	28.61	32.83	39.45	30.19	26.49	31.65	300.01	

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1277

Date.	Lat. N.	Long. E.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	55° 48'	20° 30'	Duns	1 mile	S. (1913) SE.			

*Rain Gauge, by*

[illegible]

1923 1 Dec. interpreted

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920.	53° 48'	2°	Dups.	1 m.	2 E.			

RAINFALL at Dune CastleCounty of BerwickObserver F. S. Hay (deceased) M. J. V. ...River Basin Lived - Whiteadder 4Mrs. F. S. Hay (1914)

Type of Gauge .....

Annual Average 30.8 in. based on 42 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. S

Diameter	6										
Height	1 0										
Altitude	500										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Surf. Means
January	2.77	1.81	1.10	1.40	1.67	4.58	3.20	3.07	5.64	1.79	27.06
February	1.93	.82	2.92	.20	1.63	3.81	3.83	.72	1.76	1.73	19.35
March	1.42	3.53	1.18	3.90	1.94	2.27	4.80	.64	2.89	3.16	25.73
April	3.22	2.46	1.97	4.37	2.87	1.71	1.59	.30	1.30	1.94	21.73
May	3.62	2.43	1.02	1.64	1.01	1.80	3.50	2.75	1.14	1.14	20.05
June	4.66	1.54	0.91	2.41	3.25	1.77	1.55	4.23	2.10	.55	22.97
July	3.92	2.00	3.06	1.73	1.17	3.12	2.62	2.25	3.31	7.51	31.99
August	4.35	.81	1.86	3.81	3.44	1.49	3.33	1.63	2.27	.74	23.73
September	2.06	3.64	1.20	2.49	2.92	3.32	1.60	2.76	1.89	1.81	23.69
October	1.51	6.83	3.74	4.22	4.27	1.77	2.97	4.47	4.61	3.95	38.24
November	3.80	1.13	2.60	3.22	3.80	3.76	.92	3.78	3.01	4.24	30.16
December	.84	1.75	1.53	3.68	1.84	1.82	6.72	3.43	1.09	2.67	25.37
TOTALS	34.10 II	28.75 II	23.29 I	33.07 D	29.81 D	31.22 D	36.63 D	31.03 D	31.04 D	31.13 D	310.07 D

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, EXHIBITION ROAD, LONDON, S.W.7.



Station No. 5092

RAINFALL at Duns Castle

41

County of Berwick Observer Mr. F. S. Hay

River Basin Tweed-Whiteadder 4

Type of Gauge

Annual Average 30.8 in. based on 42 years obs. un-weighted. Period of average 1881-1915 Ref. S.

File No.

Diameter	5"				923	939					
Height	1'0"					1					
Altitude	500'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	4.11	4.51	2.62	1.22	6.77	1.76	2.84	6.96	1.50	1.40	33.69
February	6.99	2.82	1.84	2.12	1.97	.93	3.27	1.69	.87	2.45	24.35
March	2.98	1.68	1.00	.84	.56	2.23	5.89	.51	1.15	1.98	18.82
April	1.68	1.08	.99	1.89	1.35	.42	3.57	1.83	1.05	2.48	14.34
May	2.19	2.87	4.42	2.64	4.05	1.53	3.06	1.77	1.82	1.59	25.94
June	1.07	1.01	2.53	3.71	2.57	2.03	3.04	4.35	1.16	2.18	23.65
July	1.85	2.39	2.39	2.96	2.52	2.39	2.25	2.31	2.33	2.37	23.76
August	3.51	1.74	4.34	2.98	4.12	5.55	.14	10.94	2.29	2.82	38.43
September	0.79	2.64	1.92	4.55	3.16	2.91	1.19	2.71	1.68	4.32	25.67
October	4.35	2.76	1.99	2.67	4.84	.74	1.17	3.13	5.45	1.66	28.76
November	3.24	.54	2.58	5.78	.91	5.67	2.87	1.82	3.28	6.23	32.92
December	.61	1.66	1.25	2.23	2.03	2.11	1.57	1.96	2.75	2.18	18.35
TOTALS	33.37	25.70	27.24	33.59	34.85	28.27	30.86	39.98	25.13	31.66	310.68

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

Station No. 5092

RAINFALL at Duns Lashie

51

County of BerwickObserver Mr J. S. HayRiver Basin 4 Tweed - Whiteadder

cd of H. Hay

Type of Gauge

Annual Average 30.8 in. based on 42 years obs. un-weighted. Period of average 1881-1915 Ref. S  
31.16 " " 35 " " 1916-1950 1916-1950 P

File No.

Diameter ...	5"				923	939					
Height ...	1' 0"					1					
Altitude ...	500'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.61	1.83	1.01	1.37	1.75	1.90	3.12	1.88	1.16	4.12	
February ...	1.92	0.58	1.38	2.00	(2.41)	1.70	2.78	1.49	1.46	1.52	
March ...	-1.00	1.65	.09	1.89	1.38	.76	1.76	2.77	.68	1.30	
April ...		1.90	2.84	.80	.57	.69	.81	1.84	1.87	1.16	
May ...		2.05	2.50	5.34	1.89	.62	1.53	2.62	.49	1.76	
June ...		2.96	2.80	2.75	1.26	2.74	1.25	3.39	1.79	1.09	
July ...		.99	3.48	1.97	2.39	3.23	3.31	5.09	2.79	4.28	
August ...	-1.00	3.17	2.05	5.66	.45	10.71	5.60	3.76	.59	3.33	
September ...	1.41	2.79	2.72	2.97	1.66	3.36	1.97	2.19	.54	2.00	
October ...	0.53	3.81	1.51	4.93	2.33	1.89	1.74	1.43	2.18	6.45	
November ...	6.65	3.78	2.54	2.82	1.57	.78	1.40	.84	3.88	2.39	
December ...	1.29	4.14	2.30	2.12	3.78	2.23	2.17	4.39	3.63	2.27	
TOTALS ...	-1.00 INC NP	27.55 D	26.22 D	34.62 D	21.44 D	30.61 D	27.44 D	31.64 D	20.06 D	31.67 D	

1951 N.P. incomplete.

1952 Berwick

1956 low, but accept.

Note on 1961/1960, catch apparently decreasing since 1954

20004

insp. 15.3.58

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference NT 31 15 53

5

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P- accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓	
	✓	✓	✓	✓	