

# RAINFALL AT *Stonykirk Ardwell House*

Lat. ....

Lon. ....

 County of *Wigton*

Rain Gauge, by ....

 Observer *M. J. Stewart, Esq.*
*Line Bay - 3.*

Diameter ....		8									
Height .....		0.9						1.0			
Altitude ....		125									
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January.....		1.07	2.72	4.69	5.76	1.68	3.73	1.89	1.95	2.68	
February.....		5.07	3.13	3.68	4.30	3.01	2.01	.99	.58	3.09	
March .....		4.27	2.43	1.20	3.02	3.64	3.95	1.70	2.06	2.94	
April .....		1.08	3.07	1.77	1.94	2.73	1.41	2.92	1.45	2.14	
May .....		3.21	1.58	1.99	2.05	2.10	3.59	1.47	3.55	3.37	
June .....		3.17	2.73	2.39	.55	.67	1.30	.11	3.07	.90	
July .....		3.01	4.38	2.48	4.20	2.41	2.93	3.43	4.17	2.91	
August .....		3.63	2.90	5.18	1.42	2.07	3.56	.69	3.50	5.10	
September...		2.85	4.59	4.29	2.66	4.37	3.10	3.95	1.50	2.86	
October .....		2.31	2.62	3.76	2.69	2.31	3.62	1.94	.51	4.29	
November...		5.46	5.84	3.22	3.38	3.22	3.85	1.78	3.76	1.94	
December .....		4.90	3.30	2.43	4.05	1.75	4.32	3.44	2.87	3.66	
TOTALS .....	(32.00)	40.03	39.38	37.08	36.02	29.96	37.37	24.31	28.97	35.88	(34.100)

1881. *Stonykirk* <sup>5 1/2</sup> miles N.

1883 Wall 3 ft high 125 ft. W.

1887 Trees 2 ft high 6 ft all round

1880 estimated from mill of Galloway + Corsewall

# RAINFALL AT

Stoneykirk Ardwell House

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

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

County of

Wigton

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

Observer

M. J. Stewart Esq. M.D.

Luce Bay - 3.

Diameter ....	8											
Height .....	10		50					39				
Altitude ....	125							107				
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....	3.62	1.73	4.45	2.09	5.06	2.66	2.44	1.94	1.58	4.40	2.997	
February ....	1.94	.44	1.36	3.52	2.81	1.75	1.87	2.37	2.06	2.31	2.042	
March .....	1.89	2.64	.53	1.43	.44	3.88	2.84	4.86	1.16	2.04	2.191	
April .....	1.03	2.60	1.23	1.65	1.98	2.12	1.41	2.37	1.36	3.22	1.897	
May .....	2.94	2.26	4.82	1.16	2.90	.41	.61	1.89	2.46	3.90	2.335	
June .....	3.16	.79	3.11	1.67	3.87	1.40	4.34	4.92	2.09	2.06	2.741	
July .....	2.84	.52	2.72	4.16	2.12	2.48	6.51	1.73	.54	2.49	2.611	
August .....	2.94	6.74	7.01	5.00	2.11	4.47	1.92	5.52	4.50	1.85	4.206	
September....	2.53	2.70	3.15	2.44	.21	.63	3.80	4.50	4.22	4.17	2.885	
October .....	2.59	6.47	4.34	2.60	4.66	4.86	2.15	2.44	2.64	2.37	3.512	
November....	9.74	5.11	2.72	3.56	2.04	4.29	1.14	3.60	3.27	2.79	3.826	
December ....	2.64	3.79	3.42	3.41	2.88	3.06	5.13	4.48	2.44	4.71	3.596	
TOTALS ....	37.86	35.79	38.86	32.69	31.08	32.01	34.16	40.62	28.32	36.31	34.770	

1890 Stoneykirk 5 1/2 miles N

Tree 6 to 8 ft high 12 to 15 ft around

# RAINFALL AT *Stoneykirk Ardwell House*

Lat.  $54^{\circ} 46' 19''$

Lon.  $4^{\circ} 57' 5''$  W

County of *Wigton*

Rain Gauge, by *N+J*

Observer *Sir M. J. Stewart Bart. M.P.*

*Line Bary - 3.*

Diameter ..	8											
Height ....	3.9											
Altitude ..	107 T											
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	3.63	2.58	2.29	5.00	2.97	1.47	3.77	1.96	2.76	1.75	2.818	
February ..	2.98	1.64	2.66	2.17	3.84	2.05	1.53	1.75	2.27	2.51	2.343	
March ....	.87	2.68	2.05	4.00	2.50	2.49	1.59	3.41	3.53	3.57	2.669	
April .....	2.49	2.83	1.82	1.28	1.69	2.30	1.02	2.55	2.42	2.64	2.104	
May .....	3.25	2.51	2.91	3.94	2.37	.84	5.12	4.18	1.78	1.07	2.797	
June .....	1.79	3.12	2.37	2.92	2.19	1.51	1.68	5.74	2.83	4.15	2.830	
July .....	3.46	1.29	3.06	3.34	4.05	1.46	3.11	2.42	2.83	4.74	2.979	
August ....	5.02	3.57	4.15	4.13	4.76	4.99	4.11	4.33	3.44	1.96	4.046	
September..	2.61	3.49	4.22	3.19	3.87	2.47	1.19	1.37	4.59	1.99	2.899	
October ....	4.28	5.28	1.92	9.46	2.13	3.08	5.90	6.54	2.02	7.33	4.795	
November..	5.66	4.22	5.15	3.35	3.65	4.91	3.25	5.40	3.33	2.76	4.168	
December ..	4.90	4.91	3.47	3.09	2.80	1.23	4.95	4.28	5.83	5.30	4.076	
TOTALS ..	40.94	38.12	36.08	45.87	36.85	28.80	37.25	43.93	37.63	39.77	38.524	

1900 *Stoneykirk Church*  $5\frac{1}{2}$  miles N  
*Stone Wall* 3 ft high 2 ft W  
 1902 *Ardwell Ch* 300 yards S.W.  
 1903 *Dunragit Station*  $9\frac{1}{2}$  miles N.E.

*Hills*



RAINFALL at Stoneykirk, Ardwell House.County of WigtownObserver Chas. W. McI. Stewart, Bart.River Basin Luce & C. 3.W. McGarra  
W. W. Menzies (1912)

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

Diameter ...	8												
Height .....	3	9				2	4						
Altitude ...	107	7			65								
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.		
January ...	1.77	1.95	4.94	4.31	3.03	2.68	3.22	3.18	4.07	4.53	33.68	15.00	15.00
February ...	4.32	3.31	3.42	1.29	4.05	5.60	2.99	2.02	3.92	.93	31.85	9.86	9.86
March .....	1.77	1.21	4.21	3.37	4.51	2.31	1.04	1.93	1.24	3.49	25.08	7.70	7.70
April .....	3.29	2.87	.86	3.13	1.92	2.80	3.40	1.63	1.08	2.08	23.06	8.19	8.19
May .....	2.25	1.92	1.51	3.63	2.75	1.45	6.28	3.34	3.55	1.46	28.14	14.63	14.63
June .....	1.39	3.25	6.30	1.75	.77	.96	2.02	1.75	1.95	3.00	23.14	8.72	8.72
July .....	3.51	2.28	1.76	.59	4.22	3.79	2.53	1.84	2.34	.52	23.38	7.22	7.22
August .....	6.82	1.85	4.67	1.59	4.21	1.45	2.61	2.78	3.54	2.87	32.39	11.80	11.80
September ..	1.21	1.30	2.84	3.21	1.19	.53	1.76	3.19	5.92	2.84	23.99	13.71	13.71
October ...	1.74	3.13	4.82	3.06	2.16	4.77	6.93	6.66	4.24	2.10	39.61	19.93	19.93
November ..	7.15	4.52	3.32	5.40	5.06	1.51	3.19	4.35	3.72	3.47	41.69	14.73	14.73
December ...	5.88	8.59	4.42	3.89	6.35	7.08	3.20	3.77	7.50	6.89	57.57	21.36	21.36
TOTALS ...	41.10	36.18	43.07	35.22	40.22	34.93	39.17	36.44	43.07	34.18	383.58	152.86	152.86

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1914 March 21. gauge moved 500 yds. S.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Dunrobin	9 9m	N	Ardwell	1/4 m	N

RAINFALL at Stonepath (Atterdell House)County of WiltshireObserver Lieut. Col. G. Stewart Bart. and  
Will. Morgan.River Basin 3, Luce Bay.Sir E. Orde Stewart, Bart.

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

Diameter ...	8											
Height .....	2.4	3.0										
Altitude ...	65											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	
January ...	5.02	5.40	6.11	2.91	5.50	3.08	4.50	4.31	7.05	2.42	5.80	Totals. 16.48 52.70
February ...	2.58	.71	4.72	5.85	1.03	4.14	4.19	2.13	3.34	2.27	.82	31.30
March .....	3.49	3.77	1.44	1.45	2.15	1.38	1.46	4.33	4.73	.73	2.04	27.27
April .....	2.95	1.12	2.81	2.87	2.67	2.88	1.50	1.98	2.38	1.13	1.74	24.03
May .....	4.32	1.93	2.52	1.94	3.31	3.70	2.69	1.55	1.44	3.57	1.37	28.54
June .....	2.60	.28	2.14	1.29	2.69	.42	1.59	3.26	5.47	2.29	2.20	25.23
July .....	3.91	4.20	3.71	3.34	4.31	2.51	3.16	3.46	1.60	3.45	(3.69)*	36.34
August .....	3.40	4.43	3.26	7.15	3.64	1.79	3.62	4.17	3.51	5.47	6.61	47.05
September...	3.43	1.82	3.24	3.95	5.86	4.66	2.56	5.97	2.12	.94	4.21	38.76
October .....	5.12	4.28	2.20	4.02	1.94	3.49	4.76	5.08	7.79	5.47	7.47	51.62
November...	3.02	4.24	2.21	4.43	3.97	2.57	6.20	4.71	6.52	6.88	5.35	49.80
December...	4.68	3.59	2.98	8.00	4.45	4.08	1.86	1.79	4.44	8.45	4.70	49.02
TOTALS...	45.52	35.77	37.34	47.22	41.52	34.70	38.39	42.74	50.39	42.77	(44.70)	461.06
	0	0	0	0	0	0	0	0	0	0	0	468

\* July value amended by amending stations. Concurrence by M.O. Edin. ref. 8/6/36 &amp; 11/7/31. 5/10/30.

Position of Station on reduced Ordnance Survey  
Map, 2 miles 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
			<u>Dunjust</u>	<u>9 m.</u>	<u>N.</u>	<u>Atterdell</u>	<u>4 m.</u>	<u>N.</u>



RAINFALL at *Stoneykirk (Arduwell House)*County of *Wigtown*Observer *MacTavish*  
*Sir G. Ende Stewart, Bt.*River Basin *3. Luce Bay*Type of Gauge *M.O.*Annual Average *36.2* in. based on *25* years obs. un-weighted. Period of average *1891-1915* Ref. *B. 31*

Diameter	8"											
Height	1' 7" <del>3' 0"</del>		<del>26</del>						1' 6"			
Altitude	65'		50									
Year	1931	1932	1933	1934	1935	1936	1937	1938	† 1939	1940	1941-5	Means
January	5.36	2.49	2.92	3.83	3.45	5.90	4.48	4.93	4.90	4.15	4.24	
February	2.52	.12	3.62	.59	3.38	2.16	6.34	2.24	3.09	2.94	2.70	
March	1.39	2.36	3.34	2.30	1.32	2.19	1.40	.99	3.74	5.06	2.40	
April	2.01	3.84	1.48	2.46	3.98	.86	2.28	.39	1.66	2.40	2.18	
May	2.32	2.86	2.40	3.41	.70	3.56	1.62	2.90	1.00	1.72	2.24	
June	5.24	1.80	2.71	1.73	3.00	3.21	2.60	3.81	1.91	.93	2.69	
July	2.81	3.83	2.78	2.25	1.82	5.73	2.88	4.71	4.05	3.97	3.48	
August	2.24	2.24	2.27	4.08	1.91	3.20	1.79	2.66	1.74	1.39	2.35	
September	2.86	4.36	.21	4.57	4.80	5.17	3.18	3.32	2.92	4.02	3.54	
October	2.73	5.68	3.82	5.37	5.36	3.33	3.40	7.09	3.49	4.92	4.51	
November	7.97	3.09	3.00	2.46	5.72	4.33	1.54	5.32	6.71	6.54	4.66	
December	3.46	4.83	2.22	9.29	5.16	4.40	5.34	4.67	2.86	5.25	4.74	
TOTALS	40.91	37.50	30.77	42.81	40.60	44.04	36.85	43.03	38.07	43.79	39.78	44.66

1933. Observed says he will probably not continue owing to heavy taxation.

† Inspected 6.39. Exposure fairly good. Screen 9' high. 12' NW. Tree 6' high 10' ESE.

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
			<i>Limagill</i>	<i>9m</i>	<i>N.</i>	<i>Arduwell O.S.</i>	<i>4m</i>	<i>N.</i>

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

Station No. 5968

RAINFALL at Stoney Kirk (Ardwell House)

41

County of Wigtown

Observer Sir E. MacTaggart Stewart B.C.

River Basin 3 - Luce Bay

Type of Gauge Mx 912

Annual Average 24.2 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B. & N. P  
140.45 " " " " " 1916-1950 1916-1950

File No.

Diameter	8"											
Height	1'6"											
Altitude	60'											
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	1.94	6.79	6.95	5.09			2836					Totals 49.13
February	3.50	3.26	1.96	1.96			1535					26.03
March	3.14	3.14	.82	5.9			1806					25.75
April	1.47	2.36	2.64	2.69			1460					23.76
May	2.70	2.94	3.78	1.76			1441					25.59
June	1.04	.71	2.79	2.68			1681					24.03
July	4.09	3.30	1.85	4.13			1616					29.53
August	5.36	4.19	6.23	3.05			1754					36.37
September	2.42	4.05	4.05	5.96			2583					42.31
October	5.29	4.99	5.31	6.56			2050					42.65
November	3.12	.79	4.09	6.35			2503					39.38
December	1.75	5.84	3.14	4.42			2416					39.31
TOTALS	35.82	42.36	43.61	45.24			23681					403.76

1941 Trees 20' to NE.

1942 Wall 15' high 30 yd E.  
Trees 60' high 45 yd E.  
Apple Tree 30' high 25 yd NE.

16703

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.
1941			Dunragit	8	N	Ardwell	4 mi	NW.

BRITISH RAINFALL ORGANIZATION

1916-1950, P-accepted