

RAINFALL AT

Swain House Lion Mills

Lat. _____

Lon. _____

County of

Tyne

Snowden Rain Gauge, by _____

Observer

M. J. G.

Henderson Henderson

Foye - 3.

Diameter ...									5		
Height									1.6		
Altitude ...									100?		
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...									3.78	4.39	
February ...									3.44	3.21	
March									5.32	3.69	
April									2.57	3.37	
May								4.19	2.54	2.19	
June								5.74	2.02	1.27	
July								3.03	2.08	3.70	
August								3.69	2.32	2.54	
September ..								1.31	6.72	2.17	
October ...								4.08	1.24	6.18	
November ..								2.73	3.18	2.29	
December...								4.37	4.48	4.24	
TOTALS ...									39.69	39.24	

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1908. Christchurch, Wney 3 miles W.

Lion Mills Station (Gt. N. Rl.) 1/4 mile SE

RAINFALL at Sion Mills Sion HouseCounty of TyroneObserver Miss E. J. HendmanRiver Basin Foye 3Snowdon Rain Gauge, by

Diameter ...	5											
Height	1.6	3	0									
Altitude ...	100?											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	TOTALS
January ...	5.05	1.51	3.01	5.57	2.26	4.37	3.62	2.55	2.89	3.82	3.465	12.88
February ...	5.93	3.61	2.92	1.69	6.77	4.85	4.56	2.15	5.21	1.50	3.819	12.42
March	1.94	1.77	4.65	4.62	4.28	1.51	1.76	2.78	1.43	4.18	3.892	10.15
April	2.69	2.27	2.05	4.69	1.52	3.70	4.63	2.87	1.39	2.81	2.862	11.70
May	2.37	1.54	1.04	3.02	1.85	1.16	5.67	2.74	2.01	1.95	2.335	12.37
June	4.19	1.52	4.73	2.79	1.04	2.54	2.22	2.17	1.79	3.66	2.665	9.84
July	3.45	3.61	4.89	1.27	2.36	4.24	2.38	1.49	3.70	.79	2.818	8.33
August	8.21	2.12	4.57	1.11	3.66	2.91	3.48	6.33	5.02	3.62	4.103	18.45
September ..	.93	1.50	.71	3.55	2.09	1.76	1.18	2.24	6.24	3.15	2.335	12.81
October ...	2.36	2.60	3.56	2.99	1.81	2.67	6.90	7.73	5.11	1.53	3.756	21.57
November ..	3.87	4.66	4.30	2.92	5.10	2.84	4.84	5.70	4.72	3.78	4.323	19.04
December ...	2.93	5.71	6.28	3.30	6.16	6.39	3.37	3.58	5.48	7.10	5.030	17.53
TOTALS ...	43.42	32.42	42.71	38.52	38.90	38.94	44.61	42.33	44.99	37.19	40.405	169.12

1913 Tree 32 ft high 12 yards NE
 Wall 12 ft 10 ft E
 Hedge 7 ft 18 ft W

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911			Sion Mills	1/4 mile	E. SE	Money	3 miles.	W.

RAINFALL at Sion Mills Sion HouseCounty of LynneObserver Capt. J. C. HardmanRiver Basin Yule - 3(1926) N.W.O. Rain Gauge, by _____

Diameter ...	5			5								
Height	3 0			3 0					1 0			
Altitude ...	100?			100?								
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Mean.	Totals.
January ...	6.34	4.64	4.40	4.49	3.43	4.40	6.28	6.79	8.31	1.48	5.06	55.57
February ...	2.92	1.18	4.72	4.91	2.26	5.61	3.87	1.88	4.25	2.70	1.52	34.82
March	3.68	4.92	2.03	2.33	7.00	2.80	2.46	3.65	4.27	1.55	3.15	30.59
April	2.94	1.54	3.49	3.10	3.20	4.15	1.90	2.17	1.80	1.65	1.92	28.46
May	3.88	2.02	1.72	2.32	4.11	4.21	4.10	1.57	1.26	2.65	1.89	29.73
June	1.94	3.0	2.21	1.40	3.20	1.87	3.13	3.64	5.72	2.75	2.97	28.13
July	3.53	3.78	4.45	2.91	4.97	3.66	3.85	2.95	1.44	3.69	4.51	39.74
August	2.73	3.69	3.77	5.55	6.02	3.36	4.46	2.79	5.76	6.29	6.55	50.97
September...	2.83	1.42	2.55	5.90	6.03	3.48	2.78	4.92	4.50	1.06	2.72	38.21
October	3.71	3.98	1.64	5.67	3.30	2.85	3.87	3.31	6.18	6.67	6.16	47.34
November...	5.08	3.24	2.73	5.30	3.28	2.93	4.85	4.04	5.18	5.18	4.40	46.21
December...	3.37	5.73	4.47	3.98	6.43	4.08	1.72	1.94	4.39	8.13	4.60	47.84
TOTALS...	42.57	36.44	38.18	47.84	47.63	42.40	43.27	38.65	53.06	42.80	44.45	477.61
	3	0	0	0	0	0	0	0	0	0	0	477.61

1921. Beech tree 48ft. 12yds. N.E.

Wall 15ft. 10ft. E

Yew hedge 7ft. 18ft. W

1926. House 40ft high 30yds S.E.

1928. Gauge moved 20' S.E. Jan. 2nd.

Tree 50-60' high 18yds N.

Hedge 7' " 8yds W

Low wall 16' " 4' E

House 40' " 24yds S.E.

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
1925	53° 78	7° 50	Sion Mills	1 1/4 mi	S.E.	Urney	3 mi	W

RAINFALL at Sion Mills (Sion House)County of SyroneObserver Capt. J. B. HardmanRiver Basin 3-7-74Type of Gauge M.O.

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....

816.678/28

Diameter	5"											
Height	1' 0"											
Altitude	100'											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	4.48	4.52	4.28	4.93	2.87	4.26	7.23	6.97	3.07	2.01		Totals 44.61
February	5.16	3.31	3.06	7.70	4.26	2.32	4.59	2.26	4.04	3.04		29.74
March	1.27	3.11	3.01	3.01	1.56	2.21	1.48	2.10	4.26	4.39		26.40
April	2.84	3.48	1.76	3.05	3.45	1.38	2.38	2.27	2.00	3.10		23.71
May	3.90	3.12	1.89	3.38	1.00	2.07	1.84	2.70	1.14	1.10		22.14
June	5.72	1.12	1.99	2.41	4.47	3.13	1.68	4.48	1.87	1.39		28.26
July	4.34	4.00	2.38	2.43	1.09	6.45	4.81	5.54	4.72	4.53		40.21
August	1.78	2.29	2.04	4.70	3.49	2.43	2.83	2.43	1.94	1.34		25.27
September	2.50	3.85	0.88	5.85	5.74	3.96	4.12	2.60	2.08	3.38		34.96
October	3.24	4.64	2.76	6.47	7.64	4.25	1.31	7.03	2.10	4.36		43.09
November	5.63	3.60	1.66	1.27	4.21	4.92	1.47	8.11	6.71	4.57		42.15
December	3.92	6.42	1.89	4.05	3.35	5.32	2.68	5.71	3.92	5.61		42.87
TOTALS	44.78	40.46	28.60	42.55	43.13	42.69	36.42	50.20	37.85	38.81		454.9

1931. Tree about 60' high, 18 yds. N.
 Hedge 7' high, 8 yds. W.
 Wall 16" " 4' S.
 House 46' " 24 yds. S.E.
 Shrubs 6' high 80' N.
 Trees 7' " 100-200' SW & NE.

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
58° 7'	7° 50'		Sion Mills	1/4 m.	SE.	Arny	3 m.	W

Station No. M 6254RAINFALL at San Mills (Rain Gauge)

41

County of LyonsObserver Capt. J. E. HerdmanRiver Basin Lyons - 3Type of Gauge M.O.Annual Average 39.1 in. based on 37 years obs. un-weighted. Period of average 1881-1915 Ref. AWSFile No. 816078/28

Diameter	5"				932	500			X			
Height	1' 0"					1						
Altitude	100'					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	1.64	6.24	4.22	5.54	4.18	4.89	4.24	4.70	4.08	3.36		Total 42.87
February	3.60	2.04	4.10	1.68	4.04	3.08	(1.26)	3.54	3.52	3.50		30.35
March	3.14	3.70	1.88	1.19	2.03	1.88	3.79	3.40	2.13	2.64		25.78
April	1.41	1.94	2.78	2.04	1.97	1.12	4.06	2.64	2.41	4.77		26.14
May	2.14	3.45	3.78	2.81	4.59	.99	4.61	1.56	2.94	1.64		28.51
June	0.61	.70	3.87	3.06	5.33	4.85	3.39	3.50	1.22	2.35		28.87
July	3.43	4.45	3.20	2.62	3.74	4.29	7.07	2.92	1.89	6.69		40.05
August	4.37	6.50	6.94	2.81	2.23	5.60	.29	4.10	2.41	4.97		40.22
September	1.16	6.44	3.56	5.35	3.69	8.87	3.55	4.91	2.05	7.81		47.39
October	5.49	3.78	4.09	5.18	4.96	1.34	2.40	3.96	5.68	5.58		42.46
November	4.94	1.52	4.09	4.70	1.03	3.93	7.15	3.50	5.67	3.98		40.51
December	3.22	5.63	3.46	4.00	4.08	5.60	2.24	5.63	7.46	3.42		44.74
TOTALS	35.15	46.39	45.97	40.78	47.86	46.44	44.04	44.36	42.26	50.61		437.36
	D	D	D	D	D	D	D	D	D	D		47.36

1947. Feb. est. for snow 1952 Dec part-estimated.

20004

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.

Station No. M 6254RAINFALL at Sion Mills (Sion House)

51

County of LyonsObserver Gert G. B. HerdmanRiver Basin 3 - ExyleType of Gauge m.o.Annual Average 39.1 in. based on 37 years obs. un-weighted. Period of average 1881-1915 Ref. A.W.S.42.57 35 1916-1950File No. 1916-1950
816678128 F

Diameter ...	5"				932	500						
Height ...	1' 0"					1			1' 3"			
Altitude ...	100'					51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	4.82	5.87	1.22	3.62	3.50	3.18	6.02	3.56	2.41	4.08		
February ...	3.50	2.44	1.51	4.47	2.77	2.48	2.73	3.87	.95	3.23		
March ...	3.12	2.37	1.23	3.87	1.08	1.54	3.71	1.27	2.56	2.02		
April ...	2.16	1.29	2.70	1.39	1.83	1.88	1.31	1.37	3.50	3.07		
May ...	1.34	1.88	2.51	3.94	4.11	1.71	1.93	2.77	1.25	2.05		
June ...	3.04	2.55	1.80	4.02	4.54	3.21	1.34	4.55	2.00	2.80		
July ...	2.97	1.08	5.55	5.21	0.96	4.77	4.34	4.27	3.15	5.59		
August ...	4.53	5.29	4.52	3.62	.88	5.44	4.20	4.91	1.51	4.74		
September ...	2.38	1.88	4.95	5.46	3.53	3.77	5.98	3.25	1.42	3.28		
October ...	2.69	4.52	3.07	6.17	3.09	3.06	4.37	3.03	5.17	3.16		
November ...	4.22	2.88	4.59	5.07	2.54	2.72	1.17	2.40	5.74	3.59		
December ...	5.92	5.07	4.08	6.06	5.08	4.36	5.00	4.97	6.51	5.53		
TOTALS ...	40.69	37.12	37.73	52.90	33.91	38.12	42.10	40.22	36.17	43.14		
	D	D	D	D	d	D	d	d	d	d		

Imp. to 1959 7.00K. f. fixed in concrete block. Home 30° 35' N. True 53° 70' W. W. 10 EWSW.
 Apple tree 10° 10' E & 15° SE. No other site available
 1958 np too many Accs.

000693

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 111 339932

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
		✓	✓	✓	
		✓	✓	✓	