

RAINFALL at Stonehouse SanatoriumCounty of LancashireObserver James Watson EsqRiver Basin Clyde & Derwent 5Snowdon Rain Gauge, by N 53

Diameter ...											5
Height .....											1.0
Altitude.....											526
Year .....	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January.....											3.58
February ...											.87
March .....											2.70
April .....											2.62
May .....											.46
June .....											2.94
July .....											.86
August .....											2.92
September...											4.70
October.....											1.12
November...											4.05
December ...											6.40
TOTALS ...											33.72

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1919			Stonehouse	Booyoo.	N.E.	Stonehouse	1000 yds.	N.E.

RAINFALL at Stonehouse Observatory.County of Lanark Observer James Watson, Esq; i  
James ShieldsRiver Basin 5 Clyde, L. bank. Mr. A. Chapman.Snowdon Rain Gauge, by N.C.S. County Road Surveyor Hamilton

Diameter ...	5					5"					
Height .....	10					7 "					
Altitude ...	526					526'					
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEAN.
January ...	6.66	8.79	3.81	4.45	3.47	4.93	3.93	5.44	10.60	1.69	5.42
February ...	6.08	6.0	2.85	3.95	5.56	4.52	3.86	1.82	5.03	1.85	3.2
March .....	4.20	6.45	2.20	1.56	.98	2.26	3.41	2.52	1.81	1.65	2.23
April .....	2.16	1.23	1.43	3.88	2.05	5.25	1.91	2.57	1.00	1.90	.98
May .....	5.36	2.02	3.29	1.90	3.71	6.24	2.64	2.01	1.71	2.92	1.31
June .....	1.98	.55	2.00	1.29	1.41	.39	2.30	4.04	4.02	1.99	2.53
July .....	3.08	3.23	2.94	4.86	3.32	1.91	2.51	3.78	2.89	3.01	2.05
August .....	5.99	7.06	2.95	5.99	3.40	2.98	2.29	4.71	3.95	4.73	4.63
September...	1.70	2.48	1.73	5.12	4.32	3.08	3.35	6.92	2.87	1.14	4.03
October.....	1.61	4.23	1.74	6.13	3.70	3.00	4.93	5.19	5.59	4.96	5.71
November...	2.47	1.65	2.44	4.58	2.51	1.86	5.91	4.24	4.58	6.73	5.87
December...	3.37	8.16	4.37	3.46	6.39	3.75	1.77	.86	3.79	8.88	(2.93)
TOTALS...	45.06	46.50	31.75	44.14	35.82	39.17	38.81	44.10	47.87	39.55	(38.06)
	0	0	0	0	0	0	0	0	0	0	0

1930. Observer's ice : last 10 days of Dec<sup>th</sup> interpolated by surrounding stations as requested.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 from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	55°42'	4° W.	Stonehouse	1300 yds.	N.E.	Stonehouse	1000 yds.	N.E.

## RAINFALL at Stonehouse Sanatorium

County of Lancaster.

Observer W.A. Chapman.

River Basin. 5- Elyde - Left Bank

Type of Gauge Spiral

Annual Average 36.6 in. based on 13 years obs. un-weighted. Period of average 1881-1915 Ref. S  
Calculated X 37

Diameter	5"										
Height	0' 7"										
Altitude	526'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	7.11	4.58	6.08	2.26	4.82	4.86	6.76	3.15	3.41		
February	0.03	3.48	5.54	5.69	2.22	4.42	1.70	4.92	1.09		
March	2.51	2.67	2.33	2.11	1.90	1.21	2.77	3.17	4.13		
April	3.09	1.66	3.72	3.01	1.02	1.43	.67	1.81	2.71		
May	3.24	2.70	2.55	2.33	.74	1.01	1.40	3.64	.52	1.52	
June	5.55	1.63	2.11	3.04	4.50	1.83	2.13	4.60	1.61	.81	
July	3.82	2.97	4.18	2.00	1.72	4.38	3.62	4.03	2.99	4.99	
August	2.24	1.31	2.44	4.52	1.90	2.46	3.96	6.07	1.32	1.76	
September	1.05	5.09	1.08	3.19	5.76	3.06	2.55	3.11	1.83	4.00	
October	4.00	6.17	3.04	6.18	9.08	5.44	4.14	10.58	1.65	3.76	
November	6.36	3.77	1.67	1.24	5.06	3.65	.75	8.58	8.58	5.21	
December	5.52	8.24	.65	4.43	2.42	5.85	9.85	2.98	2.04	5.00	
TOTALS	446	230	1139	604425	37.84	32.62	55.49	33.59	38.39		

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

*Reference No.*

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1931.			Stonehouse	1300 yds.	N.E.	Stonehouse	1000 yds.	N.E.

-655730

5197

41

## RAINFALL at

Stonehouse (Saxatorium)

Station No.

County of Lancashire Observer W. A. Chapman, Esq.  
 River Basin S-Clyde-Left Bank County Road Surveyor  
 Type of Gauge Snowdon Andrews Riddell Esq. 1918

Annual Average 16.6 in. based on 13 years obs. unweighted. Period of average 1881-1915 Ref. S

File No.

Diameter	5"			655	412						
Height	0' 7"					1					
Altitude	526'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	0.69	5.51	4.24	5.59	3.15	4.45	2.96	7.10	5.19	2.72	
February	3.17	1.05	5.01	1.85	6.92	3.22	0.40	4.35	4.78	4.35	
March	2.74	1.67	2.94	0.43	3.09	2.18	3.67	3.95	1.85	3.28	
April	1.22	1.62	2.66	2.76	1.86	1.64	6.49	3.83	4.00	3.94	
May	3.68	1.71	3.61	2.88	4.54	1.23	3.64	0.87	1.94	1.89	
June	0.54	1.23	3.12	3.49	3.31	2.23	2.70	5.17	1.05	2.14	
July	3.31	2.68	3.25	3.84	2.55	3.55	2.21	2.60	1.77	4.30	
August	4.57	3.49	4.74	4.13	1.82	2.41	0.04	5.97	3.84	4.00	
September	0.78	5.04	2.85	4.84	6.13	6.20	4.20	5.24	1.18	9.50	
October	3.27	5.60	7.68	4.52	5.40	0.46	1.72	3.85	4.86	3.75	
November	2.45	0.96	2.57	7.81	0.57	4.74	7.03	3.64	4.76	3.69	
December	2.37	5.65	2.66	4.05	2.96	4.33	2.78	5.34	8.91	1.86	
TOTALS	28.79	36.21	44.83	46.13	42.30	36.64	38.84	51.91	43.83	45.42	
	D	D	D	D	D	D	D	D	D	D	

1949 May be low

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	Parish Church.	Distance from gauge
1941			Stonehouse	1300 yd	NE	Stonehouse	1000 yd NE

Station No. 5147

RAINFALL at Stonehouse (Sanatorium)

51

County of Lancashire Observer Andrew Riddell Esq.

River Basin 5-Leyder Left Bank Tribs

Type of Gauge Snowdon

Annual Average 36.6 in. based on 13 years obs. w/wt-weighted. Period of average 1881-1915 Ref. S  
" " 41.45 " " 28 within 1919-52. 1916-50 - 3  
File No.

Diameter ...	5"				655	712					
Height ...	0' 7"						1				
Altitude ...	526'						51				
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	4.86	5.28									
February ...	3.13	1.53									
March ...	3.08	1.74									
April ...	3.05	2.53									
May ...	1.63	1.90									
June ...	1.60	2.90									
July ...	2.37	2.86									
August ...	5.34	4.56									
September ...	2.87	2.83									
October ...	1.44	3.28									
November ...	6.31	2.55									
December ...	6.87	3.60	XX								
TOTALS ...	42.55	35.56									
	D	D									

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference .....

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

Summary of Earlier Records from 10-year Sheets :

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		C 1919 ✓	✓	✓ but July 31	✓	✓
		✓	✓	✓		