

RAINFALL at Abenystwyth, P. B.S.County of CardiganObserver M.W.G. Jones

River Basin

for Prof. R. G. Stapledon.

Rain Gauge, by Snowdon

41.61

28 yrs

1926-55

1916-1950

Diameter ...							5"					
Height .....							1'0"					
Altitude ...							450'					
Year .....	1920 1916-19	1921	-1922 1920-24	1923 1925-26	1924	1925	1926	1927	1928	1929	1930 MEANS.	1920-30 Tolmico
26.69	January ...	(12.40)		(22.60)	3.54	3.92	4.36	7.44	1.05	5.69		48.60
17.64	February ...	(12.20)		(15.00)	7.04	3.40	3.31	3.84	.98	.36		33.93
19.54	March .....	(14.20)		(16.60)	1.39	1.16	3.64	1.99	.84	2.51		28.13
18.10	April .....	(10.00)		(15.40)	2.30	1.69	2.07	1.14	.90	1.70		25.20
19.85	May .....	(12.80)		(16.80)	4.13	1.98	1.97	0.67	3.02	2.51		31.08
11.27	June .....	(11.30)		(9.60)	.08	2.19	5.80	5.62	3.87	2.36		29.52
26.38	July .....	(9.70)		(22.40)	3.37	5.08	5.96	3.89	2.95	4.21		47.86
24.54	August .....	(18.90)		(20.80)	4.71	4.69	6.35	6.73	3.89	4.67		51.84
27.21	September...	(18.70)		(23.10)	4.41	3.00	6.00	2.15	2.31	4.61		45.58
22.17	October.....	(21.50)		(18.80)	4.10	3.36	3.78	6.62	7.72	6.51		50.89
15.83	November...	(13.00)		(13.40)	2.24	6.74	3.68	6.96	9.69	5.03		47.74
24.49	December...	(19.70)		(20.80)	3.23	1.60	2.79	4.16	7.57	6.77		46.92
253.71	TOTALS...	(74.40)		(215.80)	40.54	38.81	49.71	51.21	44.79	46.93		487.27

1926 - Clear Ground on top of hill.

1916-24 Est. using Tegorddau + 1925-27 overlap

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
1926	52°25' 40" S		Abenystwyth	1/2 m. S	Wangorwen
			do.	2 m. SW.	

## RAINFALL at Aberystwyth (Plant Breeding Station) M.W.R.

County of Cardigan.

Observer Professor R.G. Stapledon.

River Basin D. Ystwyth &amp;c.

" sir George Stapleton, C.B.E.

Type of Gauge.

Annual Average 41.6 in. based on 28 years obs. un-weighted. Period of average 1916-50 Ref. 1926-55

Diameter	5.											
Height	1.0.											
Altitude	450.	452.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Total	
January	3.89	4.52	4.06	3.31	1.79	4.62	4.56	5.23	6.21	4.07	4225	
February	4.22	.12	3.42	5.50	4.46	1.73	6.14	1.57	4.04	4.71	3091	
March	1.49	3.07	2.61	2.92	1.59	1.99	1.76	1.55	2.39	3.17	2254	
April	3.74	2.27	0.75	2.60	3.71	1.71	2.10	1.32	1.93	2.34	2207	
May	3.64	4.20	1.19	4.22	2.32	1.86	1.54	2.48	1.04	2.64	2515	
June	4.04	1.18	2.80	2.06	7.37	3.81	1.88	3.10	2.31	.95	2950	
July	4.12	4.64	1.57	1.75	1.00	6.82	3.13	5.76	7.95	7.75	4449	
August	3.39	1.16	1.46	4.48	4.35	1.40	1.35	3.35	4.22	.93	2609	
September	3.79	3.52	1.17	3.98	7.39	5.42	3.36	2.92	1.09	4.46	3710	
October	2.72	7.67	5.89	4.72	8.09	4.08	3.92	6.30	3.07	5.33	5129	
November	7.02	3.45	1.02	1.87	4.94	5.18	2.01	5.81	8.87	7.76	4792	
December	3.44	2.81	1.63	7.27	2.17	5.60	2.97	3.38	3.61	3.38	3616	
TOTALS	4550	38.61	26.96	39.68	49.18	144.22	35.32	41.77	46.75	47.48	41547	

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

Station No. 4128

## RAINFALL at Aberystwyth (Plant Breeding Station) M.W.R.

41

County of Cardigan

Observer Prof. Sir George Stakelton, C.B.E.

River Basin 9. Ystwyth &amp;c.

Dr. T. I. Jenkins (1942)

Type of Gauge.

Director, Plant Breeding Sta. (1950)

Annual Average 41.61 in. based on 28 years obs. un-weighted. Period of average 1916-50 Ref. 1926-55

File No.

Diameter	5			520	623							
Height	1	0				1						
Altitude	452					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1941-50 Means 75.61	
January	2.04	4.86	5.23	4.68	3.66	4.38	2.90	7.29	2.87	1.36	38.97	
February	2.93	.86	2.83	2.02	4.40	3.72	(.49)	1.71	1.59	5.64	26.19	
March	2.23	2.65	1.21	4.49	1.71	1.43	5.85	1.93	2.52	1.52	21.54	
April	2.79	1.26	1.93	1.96	2.33	1.30	2.62	1.78	3.88	3.73	23.58	
May	2.87	3.74	3.57	2.03	3.82	2.05	3.53	1.90	3.43	.91	27.85	
June	1.38	2.33	3.27	3.68	4.45	3.46	2.42	4.09	1.12	2.58	28.78	
July	3.13	4.58	3.14	2.69	2.89	3.46	3.80	3.11	1.87	3.07	31.74	
August	5.14	3.09	4.74	2.85	3.22	6.87	.49	4.93	3.07	8.33	42.73	
September	.96	4.27	5.72	3.82	3.05	6.35	2.97	3.88	2.04	7.80	40.86	
October	6.11	5.07	4.62	5.09	3.24	1.74	.95	4.89	8.70	5.20	45.61	
November	3.17	.48	3.17	6.90	.62	5.25	4.59	3.78	6.73	5.49	40.18	
December	3.28	5.49	2.49	2.25	4.61	3.74	4.23	6.17	4.16	3.41	39.81	
TOTALS	36.03	38.68	41.90	38.46	38.00	43.75	34.84	45.46	41.68	49.04	407.84	

Inspected 16/8/50 gauge recommended, turf wall recommended.

20004

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	Direction

BRITISH RAINFALL ORGANIZATION

Air Ministry, Meteorological Office

Station No. 4128

RAINFALL at Aberystwyth (Plant Breeding station) N.W.R.  
 County of Cardigan Observer Director, Plant Breeding Sta.  
 River Basin 2-yd swy whole + s.  
 Type of Gauge \_\_\_\_\_

Annual Average In. based on years obs. un-weighted. Period of average Ref.  
 " 41.61 " " 28 " between 1926-55 " " 1916-50 45  
 File No. \_\_\_\_\_

Diameter	5"		520	623							
Height	1'				1						
Altitude	452'				51						
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Total
January	3.97	3.07	1.87	3.88	1.92	4.46	3.06	3.38	4.28	6.17	36.06
February	3.10	2.07	2.14	2.88	1.77	0.37	2.67	6.31	0.79	2.68	24.78
March	5.38	2.15	2.66	2.60	2.99	2.06	4.97	.88	2.45	1.95	28.09
April	2.65	2.55	3.44	1.96	2.43	1.09	0.31	1.19	3.43	2.91	21.96
May	1.86	4.16	1.11	2.32	4.33	1.23	1.57	2.77	0.88	1.77	22.00
June	1.25	2.90	1.84	4.71	4.62	2.21	2.03	4.82	2.55	2.06	28.99
July	2.86	1.95	5.04	5.21	0.83	4.66	4.42	6.02	4.49	5.06	40.54
August	6.49	3.71	5.16	3.91	1.49	5.96	4.27	4.94	1.05	4.51	41.49
September	3.80	2.95	4.88	3.65	2.67	5.34	7.25	8.94	0.52	7.10	47.10
October	1.32	4.31	2.86	9.44	3.52	1.85	5.21	4.34	5.50	4.34	42.68
November	6.40	3.31	5.63	7.40	2.02	2.31	2.28	4.37	6.20	7.21	47.13
December	5.60	4.28	1.33	4.57	4.01	3.72	2.55	2.91	6.06	5.74	40.75
TOTALS	99.68	37.41	37.95	52.08	33.10	36.26	40.59	50.87	37.18	51.50	421.57

1953 Jnsp. Mr Smith (3/53) Satisfactory, except for thermometer which reads 1°F low.

1955 Jnsp. Mr. Hogg (6/55) g. off to wind from N.E. better from S.W. of enclosure.

1957 Jnsp. Mr Hogg (4/57) Satisfactory. Except that there is no bottom in inner canister of g. & sunshine recorder should be more rigidly fixed.

Position of Station on Ordnance One-Inch map:			No. of Map	National Grid Reference SN(22)505825			
Date	Lat. N.	Long.	Railway Station	Distance from gauge	Direction	Parish Church	Distance from gauge

Summary of Earlier Records from 10-year Sheets: 1916 - 50 P rejected.

Record D. or d		1910-19	1920-30	1931-40	1941-50	1951-60
			1925-30 only	/	/	/
			Doubt 1925 Blank.	/	/	