

RAINFALL AT Culmington Manor

Lat.

Lon.

County of *Shropshire*

Rain Gauge, by

Observer *J. H. Smayly* is near

Seven - 3.

Diameter ..						5					
Height						10					
Altitude ..						536		π			
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..							3.84	1.67			
February ..							1.97	1.48			
March							1.16	1.30			
April							1.23	2.59			
May							2.48	2.79			
June							1.81	3.59			
July .....							.77	2.98			
August							1.32	2.64			
September ..							.75	.70			
October							4.59	6.51			
November ..						3.51	3.32	2.64			
December ..						.65	2.12	2.99			
TOTALS ..							25.36	31.88			

1905 Culmington Church 2 miles SSE
Craven Arms Station 3 " W

RAINFALL at Gaven Arms, Wistanston RectoryCounty of ShropshireObserver Rev W. M. A. La ToucheRiver Basin Severn - Right Bank Tributaries 3Rain Gauge, by N & Z.

Diameter ...	5						8			10	
Height	10										
Altitude ...	480										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...		.54	3.83	4.10	.91	2.85	1.47	1.45	2.69	2.87	
February ...		1.71	1.47	1.78	3.41	5.31	4.00	.91	1.74	2.40	
March		1.65	4.48	5.76	2.82	.14	6.02	1.91	1.15	4.64	
April		1.10	.22	5.03	1.07	1.41	1.20	.91	1.59	1.84	
May		1.78	2.77	2.88	1.01	3.11	3.46	2.65	3.11	.48	
June		2.16	3.69	1.27	1.74	1.64	1.21	2.84	1.07	.69	
July	(2.50)	.83	3.61	.55	4.18	5.76	1.46	1.71	2.63	2.40	
August	4.35	1.00	6.52	1.30	2.13	4.62	1.87	5.70	1.78	2.55	
September ..	.60	2.40	.77	1.67	.70	.77	.86	1.37	5.86	1.37	
October ...	4.35	2.32	3.25	5.34	1.66	3.00	4.71	2.77	1.15	2.45	
November ..	5.28	4.21	2.46	2.76	4.17	3.10	2.50	1.01	2.09	1.11	
December ...	7.17	7.32	3.72	1.56	7.38	6.85	1.26	1.20	2.82	3.95	
TOTALS ...		27.02	36.79	34.00	31.18	38.59	30.02	24.42	27.68	26.75	

1910 July removed from Stokesay Vic
 1910 New gauge

July 1910 roughing entry XI. 24
 75

+ S.S.S. 10. VIII. 15. Gauge by N & Z in good position.

2 places. tested when full (1) .50 in correct.

Runnel accurate.

(2) 10 m.m. = 390 in. in test.



Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	52.2752	2.50.4	Gaven Arms	1 3/4 m	SW	Wistanston	40 yds	NE

RAINFALL at Culmington Caven Arms, Culmington Manor

County of ShropshireObserver T. W. Shaw Esq.River Basin Severn M. B. Dist. 3.

Registered pattern Rain Gauge, by _____

(1927) Snowden

Diameter ...				5							
Height				1		1.4					
Altitude ...				590	570	580					
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January ...				1.28	3.11	2.39	3.27	3.25	4.66	1.77	5.57
February ...				6.69	.39	3.34	2.09	2.71	2.19	.87	.76
March				1.82	1.21	.90	.43	2.60	2.29	.20	2.75
April				2.31	3.89	2.13	2.01	1.70	1.93	.81	2.87
May				1.56	5.64	3.28	2.32	1.41	1.15	2.37	3.20
June .....				.26	2.32	.05	1.72	3.58	3.26	2.43	.54
July				2.80	4.93	2.22	2.51	2.27	1.34	2.28	3.58
August				2.35	3.19	3.97	3.15	5.18	3.81	1.42	2.99
September...				2.28	3.79	3.36	1.20	3.33	1.32	1.07	3.66
October				4.63	4.45	4.06	2.57	2.33	4.61	4.74	3.14
November...				1.51	2.32	2.35	6.33	3.85	3.74	7.23	3.84
December...				2.41	4.45	2.13	.77	2.69	2.04	7.20	3.19
TOTALS...				29.91	39.69	30.18	28.37	34.90	34.34	32.49	36.09

1923. Breachouse sft at lower side which is 50 ft from gauge.

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	Parish Church.	Distance from gauge	Direction
1923			Caven Arms	2 1/2	West	Culmington		

RAINFALL at Winton Rectory

School (26)

County of ShropshireObserver Rev. W. H. S. La Touche D.A.River Basin 3 - Severn.J. W. Clarke (26)M. O. Rain Gauge, by A. B. S.

Diameter ...	8										
Height	1.2		0 10 10			1.0					
Altitude ...	482					481	480				
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...	3.21	2.92	4.53	1.08	2.76	2.46	3.03	3.25	5.02	1.96	6.87
February ...	.68	.38	3.45	5.98	.42	3.50	1.95	2.71	2.08	.91	.89
March	3.32	1.67	2.94	1.75	.90	.96	(.40)	2.73	3.31	.29	2.48
April	4.25	1.58	2.89	2.53	3.49	2.21	1.37	1.72	1.65	.96	2.13
May	1.48	1.46	.85	1.80	4.94	3.13	.74	1.12	1.43	2.73	2.87
June	2.57	.43	.88	.35	1.94	.11	1.29	3.58	3.26	2.50	.33
July	3.69	.85	3.66	2.09	4.50	2.16	2.19	1.72	1.47	1.61	3.15
August .....	.84	3.41	2.19	2.62	2.84	3.22	2.75	5.06	3.55	1.66	3.94
September...	2.29	.74	1.98	1.98	4.05	2.46	.71	3.08	1.72	1.07	3.74
October	2.71	1.84	.94	4.90	3.91	3.61	2.85	2.12	4.59	4.44	3.23
November...	.90	2.30	.99	1.76	2.05	2.02	5.97	4.27	4.44	7.57	2.91
December...	2.61	2.06	5.08	2.37	4.63	2.46	.76	2.59	1.71	7.61	3.79
TOTALS...	28.49	19.44	30.38	29.23	36.43	28.30	24.01	33.95	34.23	33.31	36.33

Position of Station on reduced Ordnance Survey
Map, 2 miles to 1 inch Series

No. of Map

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920.	52° 52'	2° 50' 4"	Winton Rectory	1 1/2	S.	W. Trinity	50 yds.	W.

RAINFALL at Culmington ManorCounty of Shropshire Observer L. H. Shaw Esq.River Basin Severn Right Bank - 3

Type of Gauge

Annual Average 29.6 in. based on 3 years obs. ~~un~~-weighted. Period of average 1851-1915 Ref. 3

310108/34

Diameter	5					2					
Height	1.4	1.0					1.6				
Altitude	375		600				600				
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.10	3.43	1.89	3.09	.90	3.62	3.54	3.92	6.26	3.72	
February	2.29	.07	3.78	.25	2.45	2.54	4.43	.65	1.60	2.66	
March	.37	2.65	2.35	1.81	.97	2.76	2.38	.27	1.54	1.85	
April	5.62	4.76	.73	2.79	3.80	2.23	1.99	.14	2.49	3.59	
May	4.86	4.62	1.61	1.52	.86	.65	1.92	1.09	.84	2.52	
June	4.63	1.08	3.01	1.60	3.07	4.52	.57	2.38	1.13	1.16	
July	2.50	2.81	1.75	1.06	.40	4.79	2.67	2.50	5.36	4.86	
August	5.13	2.23	2.35	2.48	1.95	.62	1.21	3.71	1.78	.24	
September	2.08	2.75	.79	1.78	5.72	2.99	2.88	1.72	1.01	1.30	
October	.97	4.85	5.44	1.71	3.05	2.02	3.74	3.63	2.84	3.71	
November	6.16	1.37	.85	1.94	5.52	3.63	1.77	5.05	4.89	(6.65)	
December	.87	1.50	.48	5.70	3.42	4.37	2.70	3.71	2.10	(1.60)	#
TOTALS	35.58	32.67	24.46	25.73	32.11	34.72	29.80	28.77	31.84	(33.86)	

1940 np too much estimation.

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
f. from map '38.			Craven Arms	4 m	S.W.	Culmington	1 m	E.
			"	2 7/8 m	NSW by H	"	1 1/2 m	S.E.

RAINFALL at WistanlowCounty of Derbyshire Observer J. W. Clarke Esq.River Basin Derwent - Right Bank - 3

Type of Gauge

Annual Average 29.9 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B. 6. 14

Diameter	8										
Height	1 0										
Altitude	480										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.85	3.26									
February	2.79										
March	4.44										
April	3.81										
May	4.38										
June	4.52										
July	2.94										
August	5.08										
September	1.95										
October	1.80										
November	6.12	Terminated see encl. SA file 156404/32									
December	1.13										
TOTALS	35.81										

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

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

RAINFALL at Craven Arms (Westhope Cottage)County of ShropshireObserver Mrs L. S. Swinnerton Dyer.River Basin Severn - Right Bank 3.Type of Gauge M.O.

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

C.

f. 467402/35

Diameter						5					
Height						10 $\frac{1}{2}$	11		11		
Altitude						610'					
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January						3.42	3.34	3.88	5.35	3.46	
February						2.56	3.84	5.4	1.38	2.92	
March						2.49	2.69	2.27	1.65	1.93	
April						2.36	1.73	4.2	2.34	3.16	
May						.72	1.93	1.78	.87	2.21	
June						4.03	.92	2.33	.98	1.24	
July						4.70	2.72	2.13	5.47	3.73	
August						.58	.76	2.94	1.67	.32	
September						2.78	2.41	1.70	.52	1.04	
October						1.60	3.65	3.27	2.70	3.55	
November						3.32	1.84	5.08	4.63	6.72	
December						4.02	2.58	3.49	2.07	1.66	
TOTALS						32.58	28.41	27.53	29.63	31.94	

1926. Bush 9' high 25' N.W.
House 30' high '55' S.E.
Tree 20' high 95' N.W.

1940. Tree cut down. Bush 5' high, 10 yds. N.W. House 30' high, 58' E.

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
1937			Craven Arms Haston Rd.	3 m 1 $\frac{1}{8}$ m	S.W. N.	Diallbury Riddlebury	1 $\frac{1}{2}$ m 2 $\frac{1}{4}$ m.	S.E. W.S.W.

Station No. 2273/2RAINFALL at Craven Arms (Westhope Cottage)

41

County of ShropshireObserver Mrs L. S. Swinnerton DyerRiver Basin Severn-Right Bank-3Lady DyerType of Gauge M.O.

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

File No. 467402/35

Diameter	5"				443	638						
Height	11"					1						
Altitude	610'					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	3.95	3.46	5.58	2.42	1.92	2.81	2.41	5.43	1.28	.59		
February	2.70	.76	1.49	1.66	1.87	2.58	1.99	1.76	.99	4.74		
March	2.29	2.12	.81	.46	1.54	.95	6.74	1.23	1.79	1.23		
April	1.26	1.39	1.13	1.15	1.01	1.75	2.41	1.63	2.24	2.06		
May	3.02	3.75	2.80	.85	4.88	2.55	3.43	1.87	3.96	1.55		
June	1.99	.64	2.06	1.46	3.27	2.46	1.57	2.66	.51	1.27		
July	2.06	1.81	1.55	1.97	2.84	2.97	3.39	1.51	1.78	3.91		
August	3.43	2.06	1.98	3.27	3.99	5.10	.70	3.10	1.13	3.85		
September	1.09	1.58	2.93	2.87	2.29	4.94	1.58	2.37	2.12	4.30		
October	2.33	1.63	3.82	3.73	3.45	.70	.34	2.25	4.32	1.36		
November	2.65	.65	2.23	4.05	.47	5.58	2.09	1.60	3.51	4.35		
December	1.24	3.16	1.44	2.02	3.22	3.05	2.64	5.09	2.24	1.95		
TOTALS	28.01	23.01	27.82	25.91	32.75	35.44	29.29	30.50	26.37	31.16		

1941. Bush 6' high 10y. N.W. House 30' high 58 ft. E.
Jan. can't find snow.

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			Horton Rd.	17/8 m.	N.	Diddlebury	2 1/4 m.	W.S.W.

BRITISH RAINFALL ORGANIZATION

Station No. 2273/2

51

RAINFALL at Craven Arms (Westhope Cottage)County of Shropshire Observer Lady DyerRiver Basin Elvern - right bank - 3Type of Gauge M.O.Annual Average 29.96 in, based on 20 years obs. un-weighted. Period of average 1936-56 Ref 1916-35File No. 467.402/35

Diameter ...	5"				443	638					
Height ...	0' 11"					1					
Altitude ...	610'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.49	2.58	.52	2.13	2.76	3.80	1.94	2.56	3.33	5.60	
February ...	3.02	.58	1.93	2.32	1.83	.52	2.54	4.60	.30	3.57	
March ...	4.07	1.92	1.22	2.12	3.29	1.18	2.01	1.35	2.33	2.04	
April ...	1.57	1.94	3.06	.44	1.38	1.16	.06	.35	2.99	1.60	
May ...	2.92	2.45	2.53	2.82	4.75	.58	1.95	2.55	1.05	1.29	
June ...	.59	1.73	2.05	3.44	3.56	2.09	1.63	4.05	1.95	2.22	
July ...	1.73	.91	2.92	2.39	.40	3.78	3.22	3.50	1.66	3.50	
August ...	3.52	3.46	2.62	4.35	.72	3.86	7.99	3.43	.87	4.54	
September ...	2.54	1.99	2.77	1.99	1.43	3.63	5.44	5.56	.03	4.07	
October ...	.97	4.35	1.97	3.98	2.13	1.73	1.59	3.69	3.10	6.24	
November ...	7.33	2.57	2.08	6.61	2.52	1.08	2.11	1.93	3.40	5.72	
December ...	2.43	2.80	1.23	2.47	2.84	2.96	2.10	2.45	5.85	3.66	
TOTALS ...	33.18	27.28	24.90	35.06	27.61	26.36	32.58	36.02	26.86	44.05	
	D	D	D	D	D	D	D	D	np	D	

1951 frame 30' high at 58 yds E.

1959:- np low.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference SO475863

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1951			Hartford Road	178m	N.	Widdbury	2 1/2 m.	N.W.

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
			c 1936 whitd 39	✓ ✓	