

RAINFALL AT Ellesmere Oteley

Lat.

Lon.

County of

Shropshire

Rain Gauge, by

Observer

Mr C. A. Pearce

Severn - 14.

Diameter					8"						
Height		10			18						
Altitude		337			292						
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January		2.54	.89	2.38	1.81	.87	1.43	.75	4.18		
February		1.80	2.23	2.16	.08	.47	2.79	1.63	2.19		
March		1.20	1.07	1.76	2.17	3.42	2.59	.96	.75		
April		1.22	.60	1.69	2.74	1.06	2.11	1.66	2.21		
May		2.64	1.72	2.09	1.70	.44	.85	4.17	3.91		
June		2.23	1.68	2.78	2.03	2.11	2.41	2.40	2.56		
July		2.31	2.04	3.45	3.19	2.20	.57	.87	1.91		
August		2.35	1.85	3.81	2.29	1.32	2.99	4.90	.65		
September		2.86	2.06	.72	1.23	4.47	1.70	.92	2.77		
October		4.64	2.27	3.00	2.75	3.29	1.59	5.98	3.44		
November		2.38	1.00	3.10	2.10	1.24	2.09	2.32	1.72		
December		1.77	4.10	2.53	2.18	3.56	3.51	3.21	2.43		
TOTALS		27.94	21.51	29.47	24.27	24.45	24.63	29.77	28.72		

1898 Ellesmere Church 1 mile

# RAINFALL AT Ellesmere The Grange

Lat.

Lon.

County of Shropshire

Rain Gauge, by

Observer Mr A. M. Ashton

C. H. Ashton Esq  
1900-09 C. H. Ashton 08

Seven - 24.

Diameter ..			5								
Height ..			o 10								
Altitude ..			.			340					
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..			1.35	3.49	3.29	.59	4.55	1.63	1.58	1.68	
February ..			1.35	2.23	3.66	1.04	3.26	1.65	1.59	.90	
March ..			1.41	5.48	1.90	3.78	1.18	1.33	3.47	2.97	
April ..			1.73	1.44	1.16	2.29	.93	1.82	2.41	2.73	
May ..			3.52	2.98	1.45	.91	1.64	2.89	2.35	.99	
June ..			2.19	1.48	.97	4.15	1.65	4.06	3.48	3.92	
July ..			1.50	2.04	2.59	2.05	1.13	2.24	3.36	2.46	
August ..			2.88	4.62	4.83	4.05	3.09	2.33	3.72	2.13	
September ..			2.16	4.84	1.67	1.43	.73	.95	3.71	2.67	
October ..			3.66	7.53	.91	1.75	5.33	6.85	2.22	3.93	
November ..			2.20	2.09	1.07	3.87	2.41	3.83	2.55	.83	
December ..			2.34	2.12	2.09	.65	2.98	2.70	2.98	3.99	
TOTALS ..	(32.00)	(28.00)	26.29	40.34	25.59	26.06	28.88	32.24	33.42	29.20	(30.20)

1903 Ellesmere Church 1/2 mile S

" Station 1/2 " S

Do = 0.1 Complicated from Observatory (The Month Rec) 7. XI. '14 234.

RAINFALL at Ellesmere

County of Shropshire Observer G.R. Jebb Esq. C.E.  
 River Basin Sherm. Left Bank Trib. 4  
Flushing Rain Gauge, by N & Z

Diameter ...											
Height .....											
Altitude ...											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...					1.40	2.23	1.23	1.68	2.27	2.42	
February ...					2.76	3.97	3.00	1.13	2.10	2.60	
March .....					2.69	.78	2.85	2.61	.89	5.36	
April .....					1.10	1.40	.64	1.34	2.08	1.83	
May .....					1.95	2.80	2.65	3.91	3.28	.81	
June.....					2.20	1.60	1.98	3.56	.57	1.14	
July .....					4.01	4.09	1.29	1.46	4.73	1.26	
August .....					2.30	2.56	1.37	6.13	1.87	2.62	
September ..					1.31	.71	1.41	.86	5.91	1.98	
October ...					1.97	3.03	4.37	4.07	1.78	3.22	
November..					3.59	3.60	3.14	1.82	1.32	1.06	
December...					7.32	6.06	2.16	.98	4.11	4.15	
TOTALS ...					32.60	33.83	26.12	29.55	30.91	28.45	

1910 Iron fence 4.6' high 9.3 all round

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	52.54.8	2.53.28	Ellesmere	1 m	NW	Ellesmere	1/2 m	NE

## RAINFALL at

Ellesmere ThrapstoneCounty of ShropshireObserver Mr AshtonRiver Basin Severn - Left Bank Tributaries 4

Rain Gauge, by

Diameter ...	5										
Height .....	0 10										
Altitude ...	340										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.41	.60	3.62	3.45	1.60	3.32	1.06	1.68	2.13	2.41	
February ...	2.50	1.49	1.60	1.46	2.83	3.83	2.93	.71	1.76	2.21	
March .....	1.08	1.29	3.08	4.61	2.66	.56	2.95	2.51	.86	4.97	
April .....	1.99	.67	.23	4.12	.83	1.38	.95	1.25	1.66	1.67	
May .....	1.77	.93	3.37	2.51	1.91	3.10	2.53	3.70	2.74	.66	
June.....	2.87	2.64	4.19	1.04	2.17	1.21	1.85	3.59	.55	1.01	
July .....	2.67	.31	2.52	1.72	3.60	3.80	1.00	1.30	4.08	1.02	
August.....	3.76	2.54	4.76	2.65	2.11	2.75	1.14	5.79	1.95	2.65	
September ..	.39	2.65	.66	1.45	1.15	.61	1.50	.80	5.51	2.01	
October ...	3.30	2.87	2.80	4.28	2.04	2.71	2.82	3.30	1.39	2.82	
November ..	5.11	3.22	2.44	2.58	3.70	3.36	3.14	1.28	1.09	.96	
December ...	4.72	3.70	1.98	1.10	6.97	6.07	1.57	.96	3.10	3.58	
TOTALS ...	32.57	22.91	31.27	30.97	31.57	32.70	23.44	26.87	26.82	25.97	28.509

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Ellesmere	1/2 m		Ellesmere	1/2 m	

RAINFALL at The Seven Sisters, Ellesmere

County of Shropshire Observer C. Adam  
 River Basin Dee — #2

5 inch Rain Gauge, by Negratti & Zambra

Diameter	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	5 inches
Height												11 inches
Altitude												about 300 feet
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	
January												4.167
February												4.65
March												.96
April												4.96
May												2.94
June												3.20
July												2.55
August												.58
September												3.25
October												2.13
November												3.77
December												3.64
TOTALS												2.89
												3.90
												34.28

1930 late / up received 9/1/32 File 157587/32  
 write in each book  
 157587/32

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	Parish Church.	Distance from gauge
			Ellesmere	abt 1½ miles	Ellesmere	abt 1½ miles

## RAINFALL at Ellsmere.

County of Shropshire Observer H. L. Jones, Esq.:

River Basin 4 - Severn.

Ellsmere Rain Gauge, by N.L. J.

(1926) A Turnbull Eng. Canal Eng. Lt. 125 Ry. Clwyd

Diameter ...	8										
Height .....	1.0										
Altitude ...	368										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	2.87	3.29	3.96	1.55	2.35	2.35	3.45	2.49	5.10		
February ...	2.31	1.34	3.35	4.43	2.9	4.15	2.17	1.54	2.54		
March .....	3.97	1.46	2.14	1.44	1.09	.83	.33	2.08	2.23		
April.....	4.22	1.03	2.86	2.15	2.33	1.33	1.16	2.86	1.13		
May .....	5.62	1.40	.67	3.33	6.61	3.17	2.82	1.40	1.53		
June .....	3.65	1.15	.72	3.4	1.82	.00	1.44	4.04	4.84		
July .....	4.75	1.44	3.22	2.51	4.49	2.72	2.80	3.87	1.22		
August .....	1.62	3.49	2.59	2.29	3.09	2.95	3.29	4.51	3.63		
September...	2.35	1.82	2.15	2.14	3.43	2.33	2.40	3.67	1.69		
October.....	2.98	3.82	.59	4.19	4.28	3.07	2.74	3.10	(4.74)		
November...	1.12	2.80	.90	2.29	2.08	2.11	5.36	3.55	(5.80)		
December...	3.06	2.67	4.05	3.16	4.30	2.89	4.48	1.46	(2.50)		
TOTALS...	38.62	21.71	27.20	29.82	36.16	27.90	28.94	34.57	(35.85)	# gauge removed.	
	0	0	0	0	0	0	0	0	0		

Iron face 4' 6 1/2". 9' 3" off. all round.

Position of Station on reduced Ordnance Survey } 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
1920	52° 52' 48" N	2° 53' 28" E	Ellsmere	1 m.	N.W.	Ellsmere	2 m.	N.E.

## RAINFALL at

Ellesmere (The Seven Sisters)

County of Salop.

Observer C. Adam.

River Basin 2 - Dee.

Type of Gauge Snowdon.

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

Ref.

157587/32.

Diameter	5"											
Height	1' 0"							0	10			
Altitude	300'											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	1.65	2.54	1.52	1.82	1.95	3.34	2.41	2.79	4.94	2.59		
February	1.96	1.08	1.95	1.23	3.01	2.22	3.53	1.42	1.86	3.11		
March	3.2	1.83	1.86	1.62	1.68	2.70	1.53	1.50	2.13	2.66		
April	3.17	3.69	1.86	2.39	2.05	2.00	1.85	1.20	1.92	2.62		
May	3.87	4.64	1.01	1.15	1.42	1.24	1.95	2.13	1.44	1.92		
June	4.64	1.88	1.36	1.95	3.09	3.70	1.97	2.48	2.20	1.33		
July	2.38	4.83	1.31	1.82	1.63	2.72	2.03	2.49	6.49	3.15		
August	5.20	1.87	1.89	2.19	1.04	1.62	1.67	5.61	2.40	1.7		
September	3.50	1.75	1.88	1.31	3.77	2.84	1.28	1.92	1.00	2.18		
October	1.93	4.15	1.22	2.46	3.92	1.10	3.31	3.56	2.82	3.97		
November	4.87	1.99	1.02	1.79	4.37	2.72	1.71	3.34	4.30	6.74		
December	1.17	1.36	1.64	4.11	2.82	3.23	3.11	2.21	1.84	1.36		
TOTALS	33.66	29.31	17.52	21.84	27.78	28.43	25.38	26.65	33.34	31.72		

1931 July 20 yds SE.

Position of Station on reduced Ordnance Survey Map, } No. of Map 51 Reference No. F.10  
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
1931.			Ellesmere	1/2 m	S.	Ellesmere	1/2 m.	S.

2312/3

31

## RAINFALL at ELLESMORE COLLEGE

County of SHROPSHIRE

Observer J. W. Nankivell

River Basin 4 - Severn Left Bank

Type of Gauge.....

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

Ref.....

198422/3G

Diameter .....										5"	
Height .....										1"4"	
Altitude .....										330'	
Year .....	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January .....								(3.00)	5.67		
February .....								.46	1.83		
March .....								.65	2.13		
April .....								(.25)	2.14		
May .....								2.09	1.25		
June .....								2.30	1.06		
July .....								2.56	5.74		
August .....								(5.00)	2.16		
September .....								(1.00)	1.01		
October .....								3.75	2.30		
November .....								4.17	(4.19)		
December .....								3.60	1.36		
TOTALS .....								(28.83) NP	30.84 NP <sub>avg</sub>		

1938. Buildings 75 ft - 198 ft E. Buildings 75 ft - 95 ft N & S. "Facing open terrace & fields to the West."  
 NP, too many adjustments

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
1938.			Ellesmere	1/2 m	NNW.	Ellesmere	1/2 m	NNE.

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

Station No. 2264/5

41

## RAINFALL at Ellsmere (The Seven Sisters)

County of Salop.

Observer G. Adam Esq.

River Basin Dee - 2.

Type of Gauge Snowdon.

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

File No. 157584/32

Diameter	5"			545	620						
Height	10"					1					
Altitude	300'					U1					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.54	2.71	3.79	2.94	2.33	2.56					
February	3.03	1.23	1.12	1.34	1.79	2.93					
March	2.85	2.10	.94	.76	1.19	"					
April	1.09	1.36	1.33	1.10	.93						
May	2.51	4.31	2.68	2.53	3.11						
June	1.12	.14	1.72	1.28	2.21						
July	2.07	2.32	1.91	1.83	2.18						
August	2.90	4.00	2.07	2.57	2.93						
September	.66	1.45	3.02	3.10	1.17						
October	2.41	1.17	3.65	3.53	3.63						
November	2.16	.92	1.69	4.34	.34						
December	1.63	3.57	1.26	1.44	2.73						
TOTALS	26.26	25.28	25.13	26.76	24.54						
	D	D	D	D	D						

1941 Some Poplar trees 20 yds. S.E.

1946. Observer moved March 18th to Ellsmere (Stanaton House) alt no 2312/5

Position of Station on reduced Ordnance Survey Map, | No. of Map.....

Reference No. 33-395370

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1941			Ellsmere	1/4 m.	S.	Ellsmere	1/4 m.	S.

## RAINFALL at Ellesmere College

County of Shropshire

Observer T. W. Manskewell E. 59

River Basin Severn, Taff, Bannet, L.

Type of Gauge 5 ft. 6 in. M.O. (1942)

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

Ref.

File No. 1498428/3b (P.A. Rev. 50)

Diameter	5"		428	960								
Height	1' 4"	1' 0"			1							
Altitude	330'				41	320'						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	(3.72)	2.69	3.93	2.89	2.89	2.49					5.78	4
February	2.92	1.01	1.16	1.07	2.10	2.51					1.03	
March	2.33	2.02	.75	.64	1.17	1.19					1.09	
April	.99	1.56	1.19	1.05	.91	1.26					1.67	
May	2.11	4.74	2.92	1.79	2.69	2.26					1.69	
June	.93	.17	1.47	1.69	2.40	2.22						
July	2.11	2.43	1.21	1.18	1.96	1.85						
August	(2.90)	2.83	2.61	2.34	2.02	4.65						
September	(.51)	1.44	3.03	4.83	1.76	3.53						
October	2.34	1.08	3.26	3.90	3.63	1.48						
November	2.44	.86	1.53	(4.26)	.38	(4.61)					1.51	
December	1.43	3.37	1.31	1.23	2.68	3.57						
TOTALS	(24.79)	24.20	24.37	27.57	24.59	31.62	NR.	inc #				
	n.p.	D	D	D	D	D	D	D	D	D		

# 1941 n.p. low

Buildings on all sides except W. 75' high 198'E. 95'N 995'S.

1946. Buildings of about 10' height are to the E. of gauge at varying distances 50-100 yds.

too. part solid

# 1950 Terminalis because of the fragmentation, nature of the record

40304

00024

00024

Position of Station on reduced Ordnance Survey Map, No. of Map Reference No. 33-399334  
1 mile to 1 inch Series

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1941			Ellesmere	1 1/2 m	N.N.W.	Ellesmere	1 1/2 m

Station No. 2312/5

41

## RAINFALL at Ellesmere (Sheraton House)

County of Shropshire Observer G. Parker Adam Esq.

River Basin Severn - Left Bank - 4

Type of Gauge Standard

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

Ref.

File No. 57587/32

Diameter				428	936	5"					
Height					1	0 10'					
Altitude					41	300'					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January							2.04	5.93	1.55	.64	
February						X	2.60	1.72	1.37	5.26	
March						..	6.90	1.08	1.83	1.66	
April						1.00	2.76	1.62	2.72	2.25	
May						2.65	3.02	1.61	2.35	.80	
June						2.75	2.77	3.48	4.3	.95	
July						2.24	3.44	1.61	4.12	2.75	
August						5.00	4.44	3.55	1.34	4.40	
September						4.14	1.56	1.49	9.2	5.01	
October						1.81	.52	2.02	4.27	1.74	
November						4.82	2.36	1.64	3.28	3.78	
December						2.98	1.71	3.69	2.13	2.68	
TOTALS						imp 30.12	29.34	26.31	31.42		

Observer formerly at Ellesmere (The Seven Sisters) Sta. No 2254/5. Moved March 1946  
 to site surrounded by open ground - no interference see next decade of S

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
1946			Ellesmere	½ mile	N.W	Ellesmere	300 yards	N.W

Station No. 2312/5

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## RAINFALL at Ellesmere (Thornton House)

County of Shropshire

Captain

Observer

Charles Adams

River Basin. Severn - Left Bank - 4

Type of Gauge. Standard MK1A (inspected).

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

32.06 10 1947-56

Ref.

1916-1950

File No. 15/1587/20

Diameter ...	5"				428	936					
Height ...	0' 10"						1				
Altitude ...	300'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.32	3.16	.82	3.21	3.50	4.81	1.92				
February ...	2.25	.56	1.71	2.83	2.14	.90	3.06				
March ...	4.92	1.29	.91	2.39	3.22	1.26	2.24				
April ...	1.68	2.30	2.99	.44	1.23	2.29	.82				
May ...	3.60	2.21	2.19	2.94	4.31	.61	1.72				
June ...	1.15	1.97	2.33	3.43	3.36	1.56	1.57				
July ...	2.09	1.91	3.07	2.60	.38	3.09	5.25				
August ...	3.54	1.53	2.58	4.04	.84	6.31	5.32				
September ...	1.44	2.15	3.38	2.98	1.42	2.81	6.83				
October ...	.78	5.58	1.20	6.10	1.84	1.95	1.96				
November ...	6.92	2.56	2.15	7.15	1.81	1.10	2.07				
December ...	3.68	3.07	1.18	3.15	3.68	3.54	1.02				
TOTALS ...	34.87	28.29	24.51	41.26	27.19	29.23	33.28				
	D	D	D	D	D	D	D				

1951 Gauge stands on new ground

Inspected 14.10.55 m. Deck. Gauge stem missing. Base flat. Bottomed. Site of 3 by trees NE 60° NW 60° post 6'E 2'. Recommended gauge repair ~~was~~ certified measure, ~~site~~ move site to hollow of valley where site will be reasonable.

1958. Stns. terminated. Obs. died 18. July.

Position of Station on Ordnance One-Inch map : No. of Map. 158

National Grid Reference S.T./4.03.345

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.
1951			Ellesmere	5m.	N.W.	Ellesmere	300m. N.

Summary of Earlier Records from 10-year Sheets :

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
					Cimp. 1946	