

RAINFALL AT Ellesmere Oteley

Lat. _____ Lon. _____ County of Shropshire

Rain Gauge, by _____ Observer Mr C. A. Pease

Severn-Lt.

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 *Mrs A. M. Ashton*

C. H. Ashton Esq
Moss CH Ashton Esq

Severn - 14.

Diameter ..			5								
Height			0 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	3.27	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	32.28	33.42	29.20	(30.206)

1903 *Ellesmere Church* 1/2 mile S

" *Station* 1/2 " S

00 - 01

Discontinued from Observatory (The Mount Res) 7. XI. 14 224.

RAINFALL at

Ellesmere

County of Shropshire

Observer

G. R. Jebb Esq. C.E.

River Basin Severn-Teff Bank Trib 4Rain Gauge, by N+3

Diameter ...					8							
Height					10							
Altitude ...					308					3672		
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	2.68	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	5.14	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		

1914 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 *Shropshire*County of *Shropshire*

Observer

Mr Ashton

River 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	3.64	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	

2264/5

RAINFALL at *The Seven Sisters, Ellesmere*County of *Shropshire* Observer *C. Adam*River Basin *Dee* — *H2*5 inch Rain Gauge, by *Keppitt & Zambra*

Diameter												5 inches
Height												11 inches
Altitude												about 300 feet
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	
January												4.47 4.68
February												.96 1.96
March												2.94
April												3.20
May												2.55
June												.58
July												3.25
August												2.13
September												3.77
October												3.64
November												2.89
December												3.90
TOTALS												34.28

1930 late info received 7/1/32 file 157587/32

which is count book

157587/32

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
			Ellesmere	abt 1 1/2 miles		Ellesmere	abt 1 1/2 miles	

RAINFALL at EllsmereCounty of ThropshireObserver H. E. Jones, Esq.River Basin 4 - Severn(1926) A. Turnbull Esq.Canal Esq. L. H. S. R. Y. ClerkW. A. S. R. Rain Gauge, by N. 2. 3.

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	2.29	5.10		
February ...	2.31	3.4	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	.15	.72	.34	1.82	.00	1.44	4.04	4.84		
July	4.75	.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	3.53		
September...	2.35	.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	5.86	3.55	(5.00)		
December...	3.06	2.67	4.05	3.16	4.30	2.89	.48	1.46	(2.50)		
TOTALS...	38.62	21.71	27.20	39.82	36.16	27.90	28.94	34.57	(35.85)	# gauge removed.	
	0	0	0	0	0	0	0	0	0		

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

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	53° 52' 48"	2° 53' 28"	Ellsmere	1 m.	N.W.	Ellsmere	1 m.	N.E.

RAINFALL at

Ellesmere (The Seven Sisters)County of Salop.Observer C. Adams.River Basin 2 - Dee.Type of Gauge Snowdon.

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

Ref. 15757/52.

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	.95	3.34	2.41	2.79	4.94	2.59	
February	1.96	.08	1.95	.23	3.01	2.22	3.53	.42	1.86	3.11	
March	.32	1.83	1.86	1.62	.68	2.70	1.53	.50	2.13	2.68	
April	3.17	3.69	.56	2.39	2.05	2.00	1.38	.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	.88	1.36	.95	3.09	3.70	.97	2.48	2.20	1.33	
July	2.38	4.83	1.31	1.82	.63	2.72	2.03	2.49	6.49	3.15	
August	5.20	1.87	.89	2.19	1.07	.62	1.67	5.61	2.40	.17	
September	3.50	1.75	.88	1.31	3.77	2.84	1.28	.92	1.00	2.18	
October	.93	4.15	4.22	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	.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. June 20 Lyda SE.

Position of Station on reduced Ordnance Survey Map, }
1 mile to 1 inch SeriesNo. of Map.....51.....Reference No.....F.10.....

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1931.			Ellesmere	1 1/2 m.	S.	Ellesmere	1 1/2 m.	S.

RAINFALL at ELLESMERE 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.....

198422/36

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								4.6	1.83		
March								6.5	2.13		
April								(2.25)	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)	30.84		

1938. Buildings 75 ft - 138 ft E. Buildings 75 ft - 95 ft N & S. "Facing open Terraces & fields to the West"
Np, for many adjustments

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

Station No. 2264/5

RAINFALL at Ellesmere (The Seven Sisters)

41

County of Salop Observer C. Adam Esq.

River Basin Dec - 2

Type of Gauge Snowden

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

File No. 15587/32

Diameter	5"				545	620					
Height	10"					1					
Altitude	300'					11					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.94	2.71	3.79	2.94	2.33	2.56					
February	3.03	1.23	1.12	1.34	1.79	2.93					
March	2.95	2.10	.94	.76	1.19	#					
April	1.09	1.36	1.33	1.10	.93						
May	2.51	4.31	2.63	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	2.15	.92	1.69	1.34	.34						
December	1.63	3.57	1.26	1.44	2.73						
TOTALS	26.26 D	25.28 D	25.13 7	26.76 D	24.54 5						

1941 Some Poplar Trees 20 yds. S.E.

1946. Observer moved March 18th to Ellesmere (Sheraton House) & in no 2312/5

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

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			Ellesmere	1 1/4 m.	S.	Ellesmere	1 1/4 m.	S.

BRITISH RAINFALL ORGANIZATION

Station No. 2312/3

41

RAINFALL at Ellesmere CollegeCounty of ShropshireObserver J. W. Mankinell Esq.River Basin Severn-Trent Bank 4Type of Gauge Sydney M.O. (1922)

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

File No. 14984.22/36 (P.A. Nov. 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				
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		1.29				
June	.93	.17	1.47	1.69	2.40	2.22						
July	2.11	2.43	1.21	1.78	1.96	1.85						
August	(2.90)	2.83	2.61	2.34	2.02	4.65						
September	(.54)	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	1.33	2.68	3.57						
TOTALS	(24.79) n.p.	24.20 D	24.37 D	27.57 d	24.59 D	31.62 D	N.R.	inc D op	#			

1941. n.p. low
Buildings on all sides except W. 75' high 198' E. 95' N 95' S.1946. Buildings of about 70' height are to the E. of gauge at varying distances 50-100 yds.
how. part solid

1950 terminated because of the fragmentary nature of the record

40304

00024

00024

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

No. of Map.....

Reference No. 33-399334

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

Station No. 2312/5RAINFALL at Ellesmere (Sheraton House)

41

County of ShropshireObserver C. Harder Adam Esq.River Basin Swan - Left Bank - 4Type of Gauge Snowdon

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

File No. 57587/22

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	....					#	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	.43	.95		
July	....					2.24	3.44	1.61	4.12	2.75		
August	....					5.00	.44	3.55	1.34	4.40		
September	....					4.14	1.56	1.29	.92	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 D	30.12 D	29.34 D	26.31 D	31.92 D		

Observer formerly at Ellesmere (The Seven Sisters) Sta No 2264/5. Moved March 1946
to site surrounded by open ground - no interference see month decade of 9s

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.
1946			Ellesmere	1/2 mile	N. W	Ellesmere	300 yds	N.

Station No. 2314/5

RAINFALL at Ellesmere (Sheraton House)County of Shropshire Observer A. Charles AdlamRiver Basin Lavon - Left Bank - HType of Gauge Snarodon N.K.B. (uninspected)Annual Average 32.06 in. based on 10 years obs. un-weighted. Period of average 1916-1950 Ref 5File No. 157587/32

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	.32				
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 ...	1.94	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	1.87	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	27.79	29.23	33.28				
	D	D	D	D	D	D	D				

1951 Gauge stands on new ground
 Inspected 14.10.55 m. Decks. Gauge stem missing. In severe flat-bottomed. Site of s by
 trees NE 60° NW 60° post 6'E 2'. Recommended gauge repair ~~was~~ artificial measure,
 site move site to hollow of yard where site will be reasonable.
 1958. Cto. terminated. Obs. died 18. Jan.

Position of Station on Ordnance One-Inch map :

No. of Map. 1.18National Grid Reference ST/603345

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Ellesmere	1/2 m. N.W.	Ellesmere	300 X 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	