

RAINFALL AT

Cheswardine, Knighton Riv.

80

Lat. N. $52^{\circ} 51' 9''$

Lon. W. $2^{\circ} 23' 46''$ County of

Shropshire

Rain Gauge, by

Observer

G. R. Jeffs Esq. C.E.

Severn-Lt.

Diameter						8					
Height						0.0	3				
Altitude						357					
Year.....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January						1.43	4.00 3.76	3.34 3.09	.94 .62	.68 .69	
February						2.53	.89 .45	.64 .89	.71 .63	2.19	
March						1.21	3.12 3.05	1.83 1.66	2.91 2.14	2.91 2.69	
April						2.63	1.14 1.21	1.18 1.35	2.85 1.68	2.81 2.81	
May						1.69	5.84 5.44	1.66 1.65	.73 .70	2.88 3.07	
June						3.76	.91 1.31	1.71 1.72	2.29 2.32	.78 .88	
July .....						.67	3.43 3.36	1.44 1.44	5.07 5.07	2.37	
August .....						.87	1.81 1.88	1.88 1.78	3.43 3.43	4.72 4.72	
September...						3.83	2.62 2.01	2.55 2.62	.90 .90	3.20 3.18	
October						4.56	4.97 4.08	2.67 2.69	.87 .84	3.32 3.28	
November...						3.82	1.98 1.44	1.62 1.65	4.01 4.04	1.24 1.30	
December...						1.41	4.01 4.05	2.33 2.26	2.33 2.29	2.30 2.30	
TOTALS						28.41	34.72 34.77	22.78	25.10 25.06	29.44 29.48	

Cheswardine Church 1 1/2 mile N.W.

1885 Fence 3 ft 9 in high 7 ft 6 in distant surrounding gauge.

1886-89 Corrected for wrong when discussing Severn Valley Rainfall for Geological Survey. Red ink figures are corrected values. Jan 1911

RAINFALL AT

Cheswardine Knighton Reservoir

Lat. *52° 51' 9" N.*

Lon. *2° 22' 40" W.* County of *Shropshire*

Flasher Rain Gauge, by *H. J.*

Observer *G. R. Jell Esq. cl.*

Seven - 4.

Diameter ..	8										
Height	0 3								1.0		
Altitude ..	351 ft										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	2.72	2.20	1.33	1.97	2.33	1.03	4.02	1.90	1.64	1.65	2.079
February ..	3.81	1.79	1.55	1.50	3.65	.73	2.44	1.46	1.96	.70	1.959
March	1.16	2.34	2.08	3.86	1.53	3.80	2.28	1.40	2.95	2.73	2.413
April	1.29	2.50	2.01	1.96	1.80	2.02	1.69	2.10	2.39	2.01	1.927
May	1.89	1.20	3.22	2.42	2.17	.86	2.67	3.67	2.23	1.07	2.140
June	3.58	1.73	2.33	1.49	.83	2.06	2.16	5.00	2.06	3.14	2.438
July	1.91	5.09	1.88	2.94	2.10	1.71	.80	4.29	3.15	3.78	2.765
August	5.65	3.62	3.56	4.63	4.17	5.63	2.17	2.97	3.78	3.47	3.965
September..	.80	1.36	1.16	4.55	1.82	1.34	1.60	1.08	2.79	2.48	1.898
October....	4.55	3.30	2.80	6.04	.95	1.61	5.27	4.05	1.90	4.40	3.487
November..	2.80	2.51	1.86	3.31	1.65	2.98	3.16	2.65	2.20	1.01	2.413
December..	3.86	2.99	2.06	1.52	2.05	.44	3.85	2.37	2.46	4.12	2.572
TOTALS ..	34.02	30.63	25.84	36.19	24.55	24.21	32.11	32.94	27.51	30.56	26.056

1900 *Cheswardine Church* 1 1/2 miles N.W.
 Fence 3' 9" high 7' 6" all round
 Market Drayton 5 3/4 miles N.W.

Hick

old flasher g. in use 29 years & going to pieces. see new snowdon (22.1.09)

RAINFALL AT

Cheswardine Knighton Reservoir

Lat. _____

Lon. _____

County of *Shropshire*

Snordon Rain Gauge, by _____

Observer *G. R. Jell Esq C.E.*

Severn 4.

Diameter ...										5	
Height										10	
Altitude ...										351	
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...											
February ...										<i>.67</i>	
March										<i>2.65</i>	
April										<i>2.00</i>	
May										<i>1.07</i>	
June										<i>3.14</i>	
July										<i>3.78</i>	
August										<i>3.47</i>	
September ..										<i>2.48</i>	
October ...										<i>4.40</i>	
November ..										<i>1.01</i>	
December ...										<i>4.12</i>	
TOTALS ...											

Market Drayton Station 6 miles N.W.

RAINFALL at Cheswardine Knighton ReservoirCounty of ShropshireObserver G. R. Jones Esq. C.E.River Basin Severn-Left Bank Tributaries 4H. C. Jones Esq. 1919.Summit Rain Gauge, by N 3

Diameter ...	5										
Height	1.0										
Altitude ...	351 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.29	.60	4.19	3.20	2.06	3.70	1.47	2.87	1.74	2.44	
February ...	2.61	1.81	1.36	1.26	2.19	2.60	3.55	1.42	1.91	1.94	
March .....	.62	1.35	4.09	4.75	2.77	1.19	2.92	2.36	1.51	5.22	
April	2.33	.99	.32	3.75	.94	1.60	1.47	1.47	1.78	2.01	
May	2.37	.87	2.20	1.93	2.72	3.35	2.06	3.19	3.09	.83	
June	1.91	2.87	4.87	1.41	1.49	2.42	2.18	1.61	1.19	1.52	
July	3.14	.46	3.41	1.96	5.39	6.23	1.67	1.30	3.40	2.05	
August	4.12	1.95	6.86	1.89	3.07	3.54	3.56	4.68	2.94	2.43	
September ..	.55	1.89	1.08	2.00	1.72	.62	1.50	1.80	5.68	2.53	
October ...	2.31	2.70	2.71	3.24	1.70	1.99	4.33	4.33	1.66	3.74	
November ..	4.75	3.02	3.41	2.41	3.40	2.66	2.56	2.33	1.59	1.27	
December ...	4.34	4.28	2.20	1.68	7.28	4.49	2.36	1.20	4.40	4.29	
TOTALS ...	31.34	22.89	36.70	29.48	34.73	34.39	29.63	28.36	30.59	30.27	

In fence 14' 6" high 9' 6" all round

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	52° 51' 9" N	2° 28' 40" W	Market Drayton	6 m	N.E.	Cheswardine	1 1/2 m	N.E.

RAINFALL at *Cheswardine (Knighton Road)*.County of *Shropshire*Observer *H. C. Jones, Esq., C.E.*River Basin *4 - Severn.**1926. A. Turnbull Esq.*
Canal Engineer
L. H. S. R. Y. Clerk*Transfer* Rain Gauge, by *N. 2. 3.*

Diameter ...	5	8									
Height	1.0										
Altitude ...	351										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Means
January ...	2.45	2.57	4.50	2.51	2.31	2.01	2.75	2.24	5.50	1.59	4.39
February ...	2.39	4.5	2.54	4.57	.88	3.63	2.50	1.65	2.50	.77	4.0
March	2.34	1.30	2.30	1.62	1.11	1.07	.65	2.65	1.65	.52	4.12
April	4.59	1.81	2.04	1.95	2.56	1.37	1.68	2.05	1.74	.87	2.60
May	2.68	1.21	.90	3.27	4.63	3.43	3.32	1.49	1.14	2.21	2.13
June	3.33	.35	.68	.79	2.79	.03	1.95	4.62	3.26	1.94	1.22
July	5.98	.65	4.07	3.75	3.82	2.87	2.40	2.55	1.67	2.37	6.01
August	1.59	3.99	3.88	3.07	3.87	2.56	2.40	4.50	4.14	3.31	2.56
September...	2.82	.76	2.89	2.35	3.88	4.58	1.75	2.83	1.19	1.04	3.18
October	2.11	2.81	.41	3.77	4.34	3.60	1.95	2.64	4.30	4.56	3.96
November...	.69	2.13	1.25	2.30	1.32	1.56	4.63	3.43	4.42	5.82	3.28
December...	2.65	2.54	5.20	4.11	2.61	1.91	.80	1.72	2.79	4.71	2.79
TOTALS.	34.62	20.57	30.66	33.91	34.12	28.62	26.78	32.37	33.90	29.71	36.64
	D	D	D	D	D	D	D	D	D	D	D

*1920. Iron pipe 4 ft. 6 in. high. 9 ft. 6 in. off road.**1930 Inspected 13/5/30 Fairly good exposure but overexposed to NE. No change suggested.*Position of Station on reduced Ordnance Survey } No. of Map..... Reference No.....
Map, 2 miles to 1 inch Series

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	51° 51' 9"	2° 34' 40"	Workeley Station	6 m.	N.W.	Cheswardine	1 1/2 m.	N.E.

RAINFALL at Cheswardine (Knighton Res.)County of ShropshireObserver Sanal Engineer Lt. R. D. RayRiver Basin Bevern - Left Bank - 4Type of Gauge ShowerAnnual Average 20.0 in. based on 29 years obs. ~~un~~weighted. Period of average 1851-1915 Ref. S

CY0003/26

Diameter	8											
Height	10											
Altitude	351											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	2.49	2.95	1.94	2.63	1.30	3.27	2.46	3.21	5.28	(2.60)		
February	2.78	1.15	3.10	4.7	2.91	1.91	4.49	1.90	1.44	2.55		
March	1.19	1.82	2.71	1.83	1.72	2.06	2.23	1.75	1.46	2.49		
April	4.74	3.03	2.62	2.28	3.58	1.77	2.55	1.11	2.08	2.87		
May	4.64	4.97	1.19	1.38	1.06	1.78	2.71	1.77	1.25	2.28		
June	4.01	1.43	2.39	1.93	2.87	4.24	1.91	1.96	1.87	1.08		
July	3.19	4.33	2.37	1.56	1.65	4.27	3.13	3.45	6.25	3.64		
August	6.54	2.38	1.09	3.20	1.74	1.07	1.98	3.46	3.07	1.26		
September	2.97	1.96	1.98	2.16	4.05	3.78	2.05	1.52	1.59	1.65		
October	1.35	4.60	4.82	3.45	4.35	1.68	2.44	3.56	4.10	3.78		
November	5.16	2.42	1.20	2.42	4.48	2.93	1.46	3.71	4.61	7.22		
December	1.64	1.16	1.48	4.25	2.98	2.38	3.92	2.68	1.77	2.18		
TOTALS	40.00	30.25	22.25	26.56	30.69	30.14	30.33	27.08	33.77	32.70		

1931. Iron fence 4'6" high 9'6" all round.

1939. April corrected by observer.

* Diameter of gauge corrected by observer 1/7/39.

1940. Thorn hedge 8' high 8 yds. W.

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
1931.			Market Drayton	6m	N.W.	Cheswardine	1 1/2m	N.E.

Station No.

2399

RAINFALL at

Cheswardine (Knighlon Res)

41

County of

Shropshire

Observer

Canal Engineer LMS & R

River Basin

Severn - L. Bank - 4

Type of Gauge

Snowdon

Annual Average 50.9 in. based on 39 years obs. un-weighted. Period of average 1881-1915 Ref S

File No.

670003/26

Diameter	5"											
Height	1' 0"											
Altitude	351'											
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	2.85	2.68										
February	3.19	1.40										
March	3.01	1.97										
April	1.32											
May	2.84											
June	.89											
July	2.69											
August	4.23											
September	.80											
October	4.30											
November	3.17											
December	1.67											
TOTALS	30.96											
	d											

1941 Iron fence 4'6" high 9'6" all round.
 Jan. part sold. Oct. part sold.
 March 1942 Str. T.

1910 - 19 1920 - 30 1931 - 40 1941 - 50

✓

✓

✓

41 m. T. 2

✓

✓

✓

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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			Market Drayton	6 m.	N.W.	Cheswardine	1 1/2 m.	N.E.

BRITISH RAINFALL ORGANIZATION