

2317  
**80**

*Dudley*  
**RAINFALL AT Sedgley Shaver's End**

Lat. .... Lon. .... County of *Stafford*  
Rain Gauge, by .... Observer *W. Vawdrey Esq. C.E.*  
*Seven, L-2.*

Diameter ....										5		
Height .....										1. -		
Altitude ....										550	770 <sup>T</sup>	
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ....										<i>#</i> .49		
February ....										2.2	2.48	
March .....										2.47	2.17	
April .....										1.29	3.44	
May .....										.70	3.38	
June .....										2.36	1.52	
July .....										4.78	1.65	
August .....										3.89	2.97	
September....										.89	2.73	
October ....										.36	3.61	
November....										4.02	.90	
December ....										2.53	1.80	
TOTALS ....											27.14	

*St James Church Dudley 1/2 mile S.S.E*  
*Cottage 15 ft high 90 ft S*

N.B. Values rejected from survey, 1928.

RAINFALL AT *Dudley Shavers End*

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of *Stafford*

Rain Gauge, by \_\_\_\_\_

Observer *W. Vantrey Esq. C.E.**Severn, L-2.**H. Ashton Hill Esq. C.E.*

Diameter ....	5											
Height .....	10											
Altitude ....	770 T					744 T						
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....	2.65	1.92	1.43	1.45	1.51	2.92	1.10	1.40	1.11	3.03	1.862	
February ....	.53	.07	.94	2.20	1.80	.16	.64	2.62	1.16	1.92	1.204	
March .....	1.50	.89	.67	.46	1.09	1.66	3.08	2.26	.79	.73	1.819	
April .....	.60	1.77	.74	.65	1.53	2.19	1.14	1.60	1.48	2.01	1.341	
May .....	1.70	3.07	1.74	1.79	2.20	.99	.32	1.49	3.66	1.59	1.855	
June .....	2.07	2.10	3.92	1.39	2.65	.83	1.31	2.97	1.23	2.82	2.129	
July .....	1.95	1.59	2.80	2.94	2.96	2.69	1.82	.94	1.23	1.51	2.043	
August .....	3.86	4.34	2.05	1.86	1.73	2.45	2.43	4.85	1.98	1.38	2.693	
September...	1.19	1.28	2.65	1.39	1.63	.23	4.01	2.43	.41	2.49	1.441	
October .....	1.99	5.15	2.59	2.10	2.80	2.34	2.43	1.24	2.64	2.81	2.609	
November...	3.21	2.14	1.77	.87	2.79	3.11	1.29	1.71	1.73	1.49	2.011	
December...	.40	2.70	1.30	3.14	1.71	1.76	3.46	2.29	1.76	1.97	2.049	
TOTALS ....	21.65	27.02	22.60	20.24	24.40	21.33	23.03	25.80	19.18	23.75	22.900	

1890 11 Janu' Dudley 650 yards SE  
 Cottage 15 ft high 90 ft S

N.B Annual values rejected from Survey, 1928.

RAINFALL AT Dudley Shavens End

Lat. ....

Lon. ....

County of Stafford

Rain Gauge, by ....

Observer H. A. Hill Esq. Cl.Series, L-2.

Diameter ..	5										
Height ....	1 0										
Altitude ..	744 T										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	2.88	1.08	.81	2.28	2.29	.70	2.68	1.03	.80	.93	1.548
February ..	2.85	1.08	1.00	1.30	3.03	.48	2.16	1.21	1.09	.55	1.475
March ....	.59	1.72	1.17	4.19	1.35	2.68	1.46	.85	3.07	2.34	1.042
April .....	.97	1.66	1.84	.87	1.37	1.53	1.78	2.07	2.28	1.75	1.612
May .....	1.67	1.03	3.23	1.97	2.14	.38	2.90	3.95	2.83	1.27	2.137
June .....	2.40	3.03	1.83	.87	.33	2.62	2.49	2.85	2.83	3.69	2.204
July .....	1.58	2.09	1.39	1.48	1.95	1.60	.91	2.07	1.97	3.30	1.834
August ....	3.04	2.23	5.00	4.21	2.47	4.51	1.22	3.03	3.63	1.77	3.111
September ..	1.08	.95	.83	3.00	1.84	1.44	1.51	.84	1.49	2.84	1.582
October ....	2.89	1.14	2.78	5.52	.52	1.25	5.06	5.40	1.88	3.59	3.003
November ..	2.02	1.17	1.80	1.69	1.04	2.04	2.67	2.32	2.12	.88	1.775
December ..	3.80	3.24	1.58	1.62	1.68	.55	1.88	2.53	2.20	4.29	2.337
TOTALS ..	25.77	20.42	23.26	29.00	20.01	19.78	26.72	28.15	26.19	27.20	24.650 32.5

N.B. Annual values rejected from Survey, 1928.



RAINFALL at Dudley Row EndCounty of StaffordshireObserver H. A. Hillier C.E.River Basin Severn - Left Bank Tributaries 2F. J. Hillier Esq. C.E.

Rain Gauge, by \_\_\_\_\_

Diameter ...	5											
Height .....	1.0											
Altitude ...	744 T											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	TOTALS
January ...	2.04	.63	3.18	3.84	1.34	2.80	1.05	1.88	1.86	2.81		16.19
February ...	3.66	1.40	1.55	.79	2.30	3.48	3.08	1.03	1.10	1.83		7.30
March .....	.50	1.36	4.28	5.09	2.43	1.19	2.13	1.41	1.32	3.70		7.04
April .....	1.88	.93	.14	4.20	.94	1.22	1.29	.96	2.14	1.63		8.56
May .....	1.79	.59	2.94	2.27	1.48	2.37	2.44	3.24	2.60	.89		6.02
June .....	2.12	1.86	5.58	1.47	3.23	1.08	1.40	2.28	.85	1.34		9.17
July .....	2.62	.24	2.85	1.37	3.81	7.14	2.00	2.29	2.39	3.16		5.87
August .....	5.29	1.93	6.72	1.58	2.45	2.18	2.19	6.67	2.08	2.85		9.88
September ..	.57	1.83	1.06	1.63	1.08	.44	1.21	1.82	5.97	1.81		13.79
October ...	2.68	2.09	2.96	2.99	1.73	2.49	3.53	3.31	1.15	3.02		10.81
November ..	3.74	2.77	2.12	2.52	3.40	2.10	3.06	1.49	2.03	1.20		11.01
December ...	5.40	5.45	3.65	.98	6.04	5.15	2.08	.89	3.03	3.27		7.78
TOTALS ...	32.29	21.08	37.03	28.73	30.23	31.64	25.46	26.97	26.52	27.51		186.46
	7	2	3	3	3	3	3	3	3	3		71

1917 Dwellings home  
Signe30 fath N  
20 fath NNE

A. B. Annual values rejected from Survey, 1928.

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1917	52.31	2.6.	Dudley	200 yds	E	St James' Church	800 yds	SE





RAINFALL at Dudley, Shaver's End New Gauge.County of Staffordshire Observer L. J. Dixon Esq. B.E.River Basin Severn Staff. Bank Ind. 2.Sited at New Gauge Rain Gauge, by New Gauge.

Diameter	...										5	
Height	...										1.0	
Altitude	...										725	
Year	...	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January	...										1.34	5.24
February	...										.53	.57
March	...										.13	2.74
April	...										.60	2.72
May	...										1.99	2.18
June	...										1.65	1.28
July	...										1.56	4.38
August	...										1.74	3.03
September	...										.81	3.24
October	...										4.04	2.75
November	...										6.66	2.97
December	...										5.10	2.83
TOTALS	...										26.15	33.93

1929. Not to be printed. Obs. informed, incl. 29A &amp; 731754/26.

House 24 ft. high 1372. E.

Engine house 16 ft. high 1472. S.S.E.

1930. N. E.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1929			Dudley	2000	725. E.	St. James, Dudley	826	725. S.S.E.

RAINFALL at Dundley (Sharns End) No. 1County of Stafford Observer J. J. DixonRiver Basin Sewon Left Bank 2Type of Gauge Snowdon

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

731754/26

Diameter	5											
Height	1 0											
Altitude	745											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	1.83	2.16	1.93	3.04	1.08							
February	2.36	2.7	2.97	3.5	2.28							
March	1.8	1.47	2.60	2.14	.77							
April	4.02	3.45	0.85	2.29	3.60							
May	4.14	5.72	1.69	1.15	1.17							
June	4.27	1.42	3.08	1.33	4.09							
July	3.42	3.36	2.14	1.25	.52							
August	5.45	2.49	1.10	2.45	1.88							
September	2.63	2.57	0.50	1.84	4.71							
October	1.11	4.11	4.70	1.69	4.35							
November	3.44	2.33	0.92	2.21	5.83							
December	1.06	.87	0.44	4.96	2.96							
TOTALS	33.91	30.22	22.92	24.70	33.24							
	D.	D.	D.	D.	D.							

Transfer to 1931/5, on basis  
of country boundaries in 1936.  
(see sheet no. 2440/3)

1931. Dwelling house 24' high 30 yds. N. Engine house 16' high 20 yds. N.N.E.

1936. Experiments with check gauges in alternative sites have shown little deviation. This g. will ∴ be accepted although exposure is somewhat unorthodox.

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.			Dundley	2000 yds.	E.	St. James Dundley	800 yds.	S.S.E.

RAINFALL at Dudley (Sharns End. N° 2)County of Staffs Observer F. J. Dixon, G.E.River Basin 2. Severn - Left Bank.Type of Gauge M.O.Annual Average in. based on years obs. un-weighted. Period of average Ref.

731754/26.

Diameter	5"										
Height	1' 0"										
Altitude	735'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.69										
February	2.29										
March	1.17										
April	3.70										
May	3.87										
June	4.01										
July	3.06										
August	5.12										
September	2.60										
October	1.03										
November	3.12										
December	1.94										
TOTALS	31.60	N.R.	N.R.								

1931. N/P. Dwelling house 24' high 13 yds. E. Engine house 16' high 14 yds. S.S.E.

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			Dudley	2000 yds	E	Dudley, St James	826 yds	S.S.E.

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



RAINFALL at Dudley (Shaws End No 3)County of Staffs Observer F. J. Dixon, G.E.River Basin 2. Severn. Left Bank.Type of Gauge M.O.Annual Average in. based on years obs. un-weighted. Period of average Ref.  
781754/26.

Diameter	5"										
Height	1' 0"										
Altitude	745'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January		2.05	1.94	2.97	1.12	+					
February		.28	3.21	.34	2.38						
March	.20	1.37	2.58	1.98	.72						
April	3.80	3.20	0.85	2.12	3.47	#					
May	4.00	5.47	1.64	1.05	1.14						
June	4.07	1.29	3.05	1.23	3.79						
July	3.09	3.04	2.11	1.21	.46						
August	5.18	2.45	1.03	2.13	1.83						
September	2.60	2.53	0.47	1.69	4.63						
October	1.04	4.03	4.68	1.57	4.25						
November	3.21	2.31	0.91	2.14	5.79						
December	.98	.86	0.45	4.75	3.18						
TOTALS	Imp.	28.88	22.92	23.18	32.76						

1931. Engine house 16 high 25 yds SSE.

Inferior road gauge modified 12.34 lbs in accordance with standard.

# 1936. Discontinued March 31<sup>st</sup> 1936. No evidence of improvement on No 1 gauge. This data will therefore be accepted although exposure unorthodox

\* If any record for 1936 read, it should be entered on a new page about no. 2440/5. Was 15 on account of changes in County boundaries

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			Dudley	1910 yds	E	St James, Dudley	806 yds	SSE.

RAINFALL at Dudley (Sharps End) No. 3.County of WorcestershireObserver J. W. Wilkinson Esq. F.R.S.River Basin Treat Right Bank trib-5.

Type of Gauge.....

Annual Average 30.7 in. based on 11 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. S.

660552/26

Diameter	.....						5"					
Height	.....						10"					
Altitude	.....						571'					
Year	.....	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	.....						383					
February	.....						299					
March	.....						194					
April	.....											
May	.....											
June	.....											
July	.....											
August	.....											
September	.....											
October	.....											
November	.....											
December	.....											
TOTALS	.....											

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

Station No. T.F. 2440/13

RAINFALL at Dudley (Shawes End) N<sup>o</sup> 1

41

County of Worcestershire Observer T. J. Dixon Esq. C.E.

River Basin Trent - Right Bank - S R.A. Robertson Esq. C.E. (1740)

Type of Gauge Snowdon

Annual Average 27.4 in. based on 22.645/33 years obs. un-weighted. Period of average Ref.

File No. 731.754/26

Diameter	5"				94	471						
Height	1'0"					1						
Altitude	745'					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	Totals
January	3.77	3.42	5.14	2.42	1.32	2.51	1.80	4.29	1.43	.72		26.82
February	2.44	.95	1.57	1.51	1.96	2.45	1.08	1.51	.68	4.31		18.46
March	2.48	1.68	.96	.42	1.09	.75	5.35	1.26	1.50	1.08		16.54
April	1.50	1.63	1.19	1.68	1.15	2.02	2.09	1.75	2.32	2.23		17.56
May	3.63	3.82	3.78	.68	3.85	3.31	2.40	2.09	2.51	1.99		28.06
June	1.52	1.21	1.82	1.57	3.31	2.85	1.74	4.48	.33	2.11		20.94
July	2.96	2.05	1.30	2.50	2.10	1.70	4.33	1.96	1.32	2.72		22.95
August	4.23	2.92	1.98	1.71	1.93	6.13	1.35	2.06	1.76	3.46		29.53
September	.84	1.48	2.57	2.35	1.85	3.82	1.38	3.87	.91	5.06		23.53
October	2.63	2.52	2.07	3.09	3.70	.83	.52	2.74	5.81	.90		24.81
November	3.02	1.25	1.96	4.21	.55	5.48	1.63	1.81	3.05	4.59		27.55
December	1.76	2.77	1.35	1.78	2.83	2.86	2.35	4.59	1.42	1.50		23.21
TOTALS	30.74	25.70	25.69	23.92	25.64	34.71	26.02	33.81	23.04	30.67		279.94

1941 House 24' high 30 yds N. Engine House 16' high 20 yds N.N.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.
1941			Dudley	2000 y.	E.	Dudley	800 y.	S.S.E.



Station No. *T.F. 2440/3*  
1953RAINFALL at *Dudley (Glavers End)*

51

County of *Worcestershire*Observer *R. A. Robertson Esq. B.C.*River Basin *Trent Right Bank - 5*Type of Gauge *Snowdon*Annual Average *27.8 in. based on 23 years obs. un-weighted.* Period of average *1881 - 1915* Ref. *S.W.S.*  
*28.68 " " 35 " " 196-1950* *1916 1950* *2266.45/33* *P*

File No.

Diameter ...	5"				0.94	471						
Height ...	1' 6"					1		10				
Altitude ...	7165'					51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Totals
January ...	2.40	2.07	1.06	1.18	2.05	2.61	1.10	1.99	3.18	6.05	23.69	
February ...	2.32	.49	1.18	2.11	1.61	.48	2.49	4.11	.33	1.73	16.85	
March ...	4.54	1.73	1.29	2.13	3.34	1.04	2.59	1.24	2.03	1.71	21.64	
April ...	2.09	2.29	2.70	.40	1.48	1.64	.16	.68	3.27	1.02	15.73	
May ...	3.16	3.74	2.20	2.59	4.44	.74	1.33	2.07	1.01	1.43	22.71	
June ...	1.30	1.36	2.63	3.54	2.82	2.35	1.86	4.17	1.15	2.98	24.66	
July ...	1.09	1.18	4.63	3.92	.61	2.95	4.75	5.61	1.66	2.71	29.11	
August ...	5.44	3.31	2.90	5.42	.60	4.98	3.86	2.06	2.99	3.21	34.66	
September ...	2.96	1.31	2.65	2.06	1.92	3.15	4.07	3.49	.26	5.83	27.70	
October ...	.80	3.89	2.16	3.21	1.78	1.96	1.87	2.42	3.12	6.26	27.47	
November ...	7.10	2.38	2.01	5.21	2.76	.71	2.13	2.03	3.65	4.15	32.13	
December ...	2.20	2.76	1.39	2.22	2.81	2.44	1.70	2.88	4.27	2.76	24.93	
TOTALS ...	35.40	27.01	26.80	33.99	25.62	25.05	27.91	32.74	26.92	39.84	301.28	
	D	D	D	D	D	D	D	D	D	D	D	

1954. *Dwelling House, 24' @ 20 yds N.*  
*Inst. 1953, 1954. V. alt. 10 ft in room of fence. Res. side falls way in trench through 25' between W.N.E. & road*  
*but Res. on far side of road at same level counter*

Position of Station on Ordnance One-Inch map :

No. of Map *130*National Grid Reference *50 933912*

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
			<i>Dudley</i>	<i>200 yds E</i>	<i>Dudley</i>	<i>200 yds S.E.</i>

Summary of Earlier Records from 10-year Sheets :

1916-1950, P-accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	<i>✓</i> <i>but - 15</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	