

RAINFALL AT

Todmorden Sourhall Hospital

Lat.

Lon.

County of

York W.R.

Rain Gauge, by

Observer

Dr F. Rogers

Cause - Aie - Golden 8

Diameter										5		
Height										10		
Altitude										1020		
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January									#4.36	9.29		
February									5.09	2.97		
March									2.36	3.64		
April									3.06	4.72		
May									3.62	3.69		
June									3.36	1.85		
July									1.45	3.21		
August									6.12	1.84		
September....									1.09	10.13		
October									6.00	3.76		
November....									3.35	2.49		
December									6.97	3.55		
TOTALS									46.83	51.14		

1899 Todmorden Church 1 mile

Wall 5 ft high 24 ft

Building 12 " 36 "

NE

ESW

N

RAINFALL AT Todmorden Southall Hospital

Lat.

Lon.

County of York W.R. Central

Rain Gauge, by

Observer Mr F. Rogers

Aire + balder 8

Diameter ..	5										
Height	10										
Altitude ..	1070										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	7.42	3.86	4.69	6.27	6.06	3.05	8.40	2.75	5.04	3.60	5.114
February ..	5.66	2.33	2.69	6.28	5.36	3.36	4.56	3.38	4.98	3.90	4.250
March	1.10	5.23	2.97	7.37	3.43	4.45	4.27	4.53	4.32	4.12	4.179
April	3.50	3.17	3.11	2.81	4.21	4.08	2.19	3.13	3.25	4.48	3.393
May	2.50	1.96	4.17	4.22	3.52	.93	4.68	4.97	3.65	2.72	3.332
June	4.62	2.39	1.80	1.43	1.42	3.06	1.79	8.50	2.12	3.12	3.025
July	3.38	1.90	3.63	4.19	2.30	2.82	2.98	3.16	5.15	7.58	3.708
August	7.39	3.19	4.05	6.51	6.25	5.64	4.97	4.79	5.28	3.64	5.171
September ..	2.28	1.89	2.21	6.60	1.92	3.86	1.70	1.03	4.78	3.46	2.973
October	7.07	4.96	5.09	12.97	2.52	4.97	9.28	6.05	2.62	7.23	6.276
November ..	5.62	9.15	3.34	3.93	4.85	5.85	6.18	4.37	4.09	2.46	4.984
December ..	7.50	7.29	5.80	3.63	4.12	1.41	5.76	6.50	4.08	7.53	5.362
TOTALS ..	58.04	47.32	43.55	66.20	45.96	43.48	56.76	53.16	49.36	53.84	51.76

1900 Christ's Church 1 1/4 mile E.

Building 12 ft high 27 ft N.E.

Todmorden Station 1 1/4 mile E

Todmorden,
RAINFALL at Southall Hospital (Huddersfield)

10 3040

County of W.R. Yorkshire

Observer Mr F Rogers

River Basin Ouse-Aire-Calden S

Rain Gauge, by _____

Diameter ...	5										
Height	1.0										
Altitude ...	1020T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1910-19 Means Totals
January ...	6.61	2.95	5.92	5.58	5.23	8.33	5.66	3.99	4.24	5.25	19.44
February ...	6.97	6.64	2.84	2.75	5.22	7.42	7.21	1.43	8.53	1.62	18.49
March	1.68	2.80	7.83	7.04	7.26	2.06	4.17	4.32	2.79	9.21	18.49
April	5.66	3.44	1.69	6.38	2.64	2.86	4.52	1.75	1.98	2.58	10.83
May	4.39	2.45	3.87	4.58	3.09	3.54	3.44	2.47	2.60	2.55	11.06
June	4.15	5.12	7.51	3.47	2.96	1.19	3.52	2.55	2.43	2.15	10.65
July	5.61	.77	5.22	1.25	5.38	5.77	2.76	2.55	4.94	2.94	12.99
August	6.98	3.12	8.28	2.69	3.65	6.04	3.96	7.43	4.42	5.11	20.92
September ..	.52	4.49	2.86	2.16	4.15	.79	3.30	2.46	14.87	2.42	23.05
October ...	4.35	4.79	6.07	1.65	3.15	2.20	10.20	10.18	4.48	5.55	28.21
November ..	6.64	6.12	4.71	7.09	8.00	3.00	4.75	6.95	3.01	4.08	18.74
December ...	7.05	8.97	7.07	4.43	8.78	10.04	3.60	3.51	9.66	11.25	28.02
TOTALS ...	60.61	51.66	63.87	49.07	59.54	53.24	57.09	49.59	63.95	50.26	220.89

1912 Building 12 ft high 9 ft NE

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Todmorden	1/4 M	E	Todmorden	1/4 M	E

RAINFALL at Todmorden Southall HospitalCounty of N. R. YorkshireObserver Mr. F. Rogers L.A. BrattonRiver Basin Guse-Aire-Calder SSanitary InspectorM.O.

Rain Gauge, by

Diameter ...	5"												
Height	1 0												
Altitude ...	1020												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	1920-30 Totals	
January ...	5.40	10.01	4.70	6.57	4.57	5.76	4.22	5.56	14.32	1.77	8.79	74.67	
February ...	4.84	7.8	6.66	7.86	1.96	8.48	4.88	2.66	6.62	1.05	8.6	46.65	
March	5.41	5.13	4.85	2.75	2.00	2.34	2.81	5.54	4.72	1.47	2.34	38.76	
April	8.07	2.29	4.36	4.70	2.56	3.79	2.48	5.30	1.06	1.88	3.70	40.19	
May	6.41	3.31	2.12	5.68	6.87	4.56	5.04	1.93	1.98	3.87	2.94	44.71	
June	2.91	3.7	3.72	1.59	2.83	11	3.98	4.79	9.50	1.72	1.94	33.46	
July	9.67	2.15	6.05	4.78	5.26	1.75	2.49	5.39	2.57	2.41	6.71	49.03	
August	3.34	6.91	6.75	8.38	7.81	5.55	5.00	9.34	7.49	5.16	7.93	73.66	
September...	2.63	2.43	3.92	6.29	6.50	4.29	4.79	7.44	7.3	2.29	5.93	47.24	
October	2.30	3.44	1.22	7.63	6.51	7.50	4.69	6.59	6.70	7.33	7.44	61.35	
November...	3.48	3.38	4.86	8.13	2.79	3.19	4.85	5.90	9.09	10.26	7.55	66.48	
December...	5.14	8.56	6.72	5.63	7.99	4.43	3.18	1.45	7.81	11.42	4.94	63.27	
TOTALS...	59.60	48.76	55.93	67.99	57.65	51.75	54.41	61.89	67.79	50.63	61.07	639.47	
	D	D	D	D	D	D	D	D	D	D	D	D	

1920. 13 building 12 ft. high 9 yds NE

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
1920			Todmorden	1 1/4 mi	E	Todmorden	1 1/4 mi	E

RAINFALL at Todmorden (Sourhall Hospital)County of West Riding, Observer L. A. Crabtree, Esq.River Basin Ouse-Aire-Calder-8Type of Gauge SnowdonAnnual Average 53.3 in. based on 33 years obs. ~~un-weighted~~. Period of average 1881-1915 Ref S

777137127

Diameter	5.										
Height	1.0.										
Altitude	1020.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1931-40 Means Totals
January	8.27	8.28	4.58	5.23	2.44	5.48	5.54	8.22	6.02	2.43	56.49
February	6.75	.20	4.04	.63	7.99	2.80	6.65	2.79	6.32	3.28	41.45
March	.51	3.55	8.67	3.64	2.25	3.34	2.64	2.18	4.53	4.19	30.50
April	5.14	5.43	2.24	3.54	4.85	1.55	4.04	1.00	2.76	4.01	34.56
May	3.12	4.99	3.04	4.20	1.08	1.27	2.64	5.20	2.08	1.97	29.79
June	7.49	1.33	2.80	3.67	5.05	4.54	3.15	5.63	4.27	.93	38.86
July	6.10	4.63	4.03	3.33	2.80	5.79	2.68	5.95	7.82	5.43	48.56
August	6.27	1.70	2.45	4.61	2.26	2.96	2.59	5.44	4.88	2.68	35.84
September	4.52	6.27	1.79	4.61	9.96	5.36	2.60	2.45	1.68	4.99	44.23
October	3.51	9.06	6.80	6.67	12.18	6.23	2.40	12.84	2.72	5.71	68.12
November	12.20	4.05	2.60	2.12	7.14	7.32	1.59	9.23	8.81	11.67	66.73
December	3.25	3.58	0.63	8.42	4.54	7.16	2.67	5.94	3.79	6.82	45.80
TOTALS	67.13	53.07	38.67	50.67	62.54	54.00	39.19	66.87	55.68	53.11	540.93
	D	D	D	D	D	D	D	D	D	D	

1931. Building 12' high 9 yds NE.

1940. Jan. part. estd.

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			Todmorden	1 1/4 mls	E	Todmorden	1 1/4 mls	E

Station No. 3240

RAINFALL at Todmorden (Church Hall Hospital)

41

County of West RidingObserver L. A. Crabtree Esq.River Basin Ouse-Aire-Galder: 8Type of Gauge SnowdonAnnual Average 53.8 in. based on 32 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. SFile No. 777137/27

Diameter	5"			077	040							
Height	1' 0"				1							
Altitude	1020'				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	1941-50
January	2.50	5.80	7.90	8.30	4.85	7.15	5.22	11.64	4.05	3.70	61.11	15.615
February	5.51	2.11	3.55	2.30	7.67	8.18	4.49	4.81	4.44	6.46	50.12	
March	5.01	5.93	1.49	.86	1.82	1.51	8.63	2.48	2.94	3.84	34.51	
April	3.10	3.37	3.34	4.89	3.26	1.75	5.23	3.52	5.14	4.94	38.54	
May	3.13	4.84	3.74	4.88	5.60	1.68	2.57	1.97	3.85	2.52	34.78	
June	.78	1.32	5.15	4.20	6.40	5.02	3.40	7.27	.79	2.83	37.16	
July	2.36	5.68	3.06	3.39	3.50	4.41	3.66	2.40	2.14	6.38	36.58	
August	8.31	5.98	6.96	3.84	4.76	7.76	.41	6.20	14.55	7.74	56.51	
September	.90	2.85	6.02	8.27	4.16	8.05	3.75	4.03	1.11	9.02	48.76	
October	5.16	7.17	3.74	6.03	6.80	1.37	1.57	3.08	6.57	3.56	45.05	
November	3.77	1.32	5.16	3.37	.80	10.73	7.48	2.56	8.53	6.98	56.67	
December	3.51	4.84	4.11	5.10	4.21	5.53	4.92	5.75	9.23	4.70	51.90	
TOTALS	44.04	51.21	54.22	62.63	53.83	63.14	51.33	55.71	63.94	61.64	551.69	

1941. Building 12' high 9° NE

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			Todmorden	1/4 m	E	Todmorden	1/4 m	E.

BRITISH RAINFALL ORGANIZATION

Station No. 3240RAINFALL at Jodmorden (Loushall Hospital)

51

County of West Riding Yorks. Observer L. A. Gerabtree Esq.River Basin Don- Aire- CalderType of Gauge SnowdonAnnual Average 53.8 in. based on 32 years obs. un-weighted. Period of average 1881-1915 Ref. S.
55.80 " " 35 " " 1916-1950 196-1950 PFile No. 777/137/27

Diameter ...	5'		077	040							
Height ...	1'0"			1							
Altitude ...	1020'			51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	5.47	6.94									
February ...	5.21	2.04									
March ...	6.42	3.34									
April ...	3.17	3.85									
May ...	2.94	2.07									
June ...	1.59	4.25									
July ...	4.40	2.79									
August ...	6.46	6.52									
September ...	3.54	4.22									
October ...	1.36	6.72									
November ...	11.20	#									
December ...	10.68										
TOTALS ...	62.44	INC									
	D	n.p.									

1951. Building 12' high 9" NE.

1952. Raised 10' x; air temp. 38A for 777/137/27

1952 n.p. inc.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference SD34) 918 246

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Jodmorden	1 1/4 m E.	Jodmorden	1 1/4 m E.

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
	✓	✓	✓	✓	
	✓ but - 17	✓	✓	✓	