

RAINFALL AT *Stockton Poplar Park*

Lat.

Lon.

County of *Durham*

Rain Gauge, by

Observer *W. H. Pykes Esq*
Mr W. A. Jenkins

Dec. 10 - 1.

Diameter ..		5									
Height		17									
Altitude ..		617									
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..		.99	1.40	2.00	1.62	.31	2.52	.33	1.06	.52	
February ..		1.29	.90	.94	2.00	.60	.97	1.03	1.51	1.24	
March		1.31	.64	1.96	.97	1.29	1.19	.73	2.31	3.85	
April		1.03	1.38	1.07	.96	2.27	.73	1.73	2.38	1.75	
May		1.21	2.18	2.72	3.02	.46	2.43	3.45	2.09	1.66	
June		1.28	1.78	2.27	1.19	1.27	.96	2.71	.57	2.60	
July		4.84	2.56	2.72	2.13	.71	.73	1.27	3.07	2.66	
August		1.35	1.60	1.47	2.31	2.94	3.46	2.37	1.09	5.07	
September ..		.90	.47	2.78	1.67	2.63	.38	.42	1.72	1.68	
October		1.81	3.22	6.18	.51	2.10	4.71	4.05	1.34	2.40	
November ..		4.13	.77	1.40	1.90	4.53	2.87	2.18	1.41	1.07	
December ..		3.19	1.53	.82	1.92	.38	3.76	2.75	.67	2.79	
TOTALS ..		23.33	18.37	26.33	20.20	19.49	24.71	23.02	19.22	27.29	

1901 *St Peter's Church 1/4 mile E*

Park Lodge 30 ft high 117 ft S

1903 *Stockton Station 1 1/4 miles NE*

RAINFALL at Stockton Rope WorksCounty of DurhamObserver M. H. Sykes Esq. W. A. Jenkins Esq.River Basin Tees + C 1Rain Gauge, by N+3

Diameter ...	5										
Height	19										
Altitude ...	617										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	1.83	.99	2.16	2.55	1.42	2.22	.47	2.39	1.81	2.25	692
February ...	1.85	.90	1.45	.68	.72	2.29	2.30	.81	1.54	1.53	618
March .....	.44	1.85	1.87	1.63	1.01	1.32	2.97	1.38	.71	2.49	755
April	2.02	.89	.18	2.69	.31	.71	1.30	2.26	1.00	1.29	585
May	1.58	1.25	2.93	2.10	1.52	1.27	2.59	1.14	1.40	.56	569
June	1.60	2.93	4.63	1.93	3.44	.64	1.89	1.96	.50	.60	495
July	2.18	.44	2.55	.60	3.68	4.00	1.87	.89	3.86	1.69	831
August	2.32	2.98	3.67	1.65	.83	2.41	1.86	6.30	1.70	2.49	1235
September ..	.23	1.96	1.13	1.63	2.15	1.14	1.77	.88	4.24	.74	763
October ...	2.44	2.20	2.10	2.75	1.78	1.76	1.91	1.87	1.51	6.05	1134
November ...	1.82	3.22	2.05	1.12	2.36	1.73	1.19	.97	1.08	3.11	635
December ...	1.13	2.72	.93	1.30	3.03	4.52	1.45	1.97	2.87	1.76	835
TOTALS ...	19.44	22.33	25.60	20.63	22.25	24.01	21.87	22.82	22.22	24.56	9147

11.17

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

RAINFALL at Stockton Popper ParkCounty of DurhamObserver W. A. Jenkins EsqRiver Basin Tees & C 1Rain Gauge, by N & G

Diameter ...	5											
Height	19			17	19							
Altitude ...	61											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930.	
											MEAN.	
January ...	2.90	3.20	1.96	1.04	1.41	1.10	1.80	1.97	2.78	2.46	2.68	2330
February ...	.64	.08	1.65	2.34	1.01	2.07	1.60	0.87	1.00	.61	1.24	1311
March	2.49	.89	1.32	1.44	1.17	1.35	.74	1.79	2.02	.13	2.49	1583
April	2.34	.88	1.31	1.43	1.30	2.22	.96	1.50	.46	.94	1.82	1576
May	2.22	1.23	1.67	2.33	3.64	2.20	1.98	1.63	1.45	1.23	1.47	2075
June .....	.95	.29	1.67	.68	1.24	.04	2.29	2.05	4.68	1.22	.82	1663
July	3.99	1.62	3.86	2.48	3.37	2.06	3.50	3.50	1.26	2.08	3.89	3161
August	1.25	4.72	2.09	2.82	2.19	3.22	1.55	5.10	3.63	2.35	4.15	3307
September...	.93	.59	2.41	1.86	1.63	2.32	2.43	3.54	.75	1.15	1.71	1932
October	2.09	1.28	2.11	1.94	2.72	2.29	2.63	1.86	2.67	2.21	1.93	2373
November...	.65	2.14	.75	3.60	.72	2.50	3.13	2.89	2.10	2.58	2.48	2360
December...	2.50	1.81	3.54	2.04	2.66	2.50	1.04	1.67	1.29	2.80	1.82	2367
TOTALS...	22.95	78.73	24.34	24.00	23.72	23.87	23.65	28.37	24.09	19.26	26.20	25978
	D	D	D	D	D	D	D	D	D	D	D	25

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

RAINFALL at Stockton-on-Tees, (Ropner Park)County of Durham,Observer W. A. Jenkins, Esq.,River Basin Tees &c. - 1.Park CuratorType of Gauge SheddenAnnual Average 22.9 in. based on 26 years obs. un-weighted. Period of average 1881-1915 Ref. S

796168/27.

Diameter	5.											
Height	1.9.					0	10					
Altitude	61.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	1.46	1.23	1.93	.76	1.85	2.80	1.65	1.81	3.44	2.17	1910	✓
February	1.01	.80	2.51	.53	2.68	2.63	2.40	1.33	.65	1.34	1588	✓
March	1.02	2.24	1.66	1.44	1.16	1.20	2.43	.14	1.80	1.51	1460	✓
April	2.19	.95	.71	2.36	1.85	.89	2.31	.07	1.20 -82	1.47	1400	✓
May	2.20	4.61	2.27	.79	.64	1.60	2.14	3.32	2.00 1.07	.91	2048	✓
June	3.24	1.24	1.54	2.05	3.09	3.09	2.26	2.11	2.50 1.74	.75	2147	✓
July	3.34	3.79	1.12	1.61	.37	3.07	1.00	2.67	2.70 2.50	6.46	2593	✓
August	2.39	2.43	.50	3.16	2.21	2.32	1.07	2.81	2.60 1.51	1.40	2029	✓
September	3.39	2.32	1.13	1.66	4.08	4.74	1.11	(1.40)	1.00 1.47	1.05	2188	✓
October	.99	2.71	3.81	2.27	3.80	1.20	1.26	(2.34)	4.60 2.73	2.44	2543	✓
November	1.98	1.53	3.19	1.33	3.40	2.12	1.99	(2.30)	1.94	3.94	2372	✓
December	.88	.81	1.56	3.31	1.99	1.82	3.50	2.45	1.05	2.07	1944	✓
TOTALS	24.09 D.	24.66 d	21.93 d	21.27 d	27.12 d	27.48 d	23.12 d	(2.75) d	(24.28) d	25.51 d	24321	MS

1933. Trees 20'-30' high 15 yds S.W.

1934. Trees 50' high 10 yds N. Trees 30' high 10 yds W. Trees 20' high 17 yds S.
Shrubbery 21 yds S.E.

1939 n.p. low.

1940. Trees 70' high; 23 yds S.E. Gaupenwood $\frac{1}{4}$ mile N. 18.11.40. young forest cold for snow.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
			Stockton LNER	1 m	N.		$\frac{1}{2}$ m	E.

Station No. 3514

RAINFALL at Stockton-on-Tees (Ropner Park)

41

County of Durham Observer Park Curator

River Basin Tees & C. - 1

Type of Gauge Snowden

Annual Average 22.9 in. based on 26 years obs. unweighted. Period of average 1881-1915 Ref S

File No. 796.168/27

Diameter	5"		032	597								
Height	0' 10"			1								
Altitude	61'			41								
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	2.93	2.17	2.83	1.20	3.83	1.10	1.38	5.47	.83	1.14	2.89	
February	5.01	1.68	.45	1.51	2.06	.48	2.03	.94	.34	2.87	1737	
March	2.17	.69	.39	.81	.33	1.05	3.15	.96	.96	.68	1119	
April	.64	.60	1.08	1.72	1.00	1.77	2.93	.72	1.98	1.69	1413	
May	1.36	1.58	1.88	.86	3.00	2.06	1.87	1.81	1.02	1.24	1668	
June	.56	.82	.70	2.13	2.00	2.46	2.78	4.74	.59	1.56	1834	
July	.82	3.84	1.47	2.64	1.33	3.72	2.67	.83	1.30	2.30	2092	
August	2.54	2.37	4.10	2.17	2.62	3.00	.21	3.43	1.90	4.57	2691	
September	.55	2.66	3.63	3.40	1.31	3.33	2.77	1.38	.49	2.59	2211	
October	3.25	2.16	1.40	2.44	2.95	1.28	.38	1.11	2.43	1.22	1862	
November	2.80	1.40	2.41	3.72	1.13	3.80	1.94	1.35	3.15	6.13	2783	
December	.14	2.18	1.21	.93	.92	2.06	1.29	1.31	2.06	3.07	1517	
TOTALS	22.77	22.15	21.55	23.53	22.48	26.11	23.40	24.05	17.05	29.06	23215	10

1941 Tees, 70 ft high; 23 yds S.E.
 1941. Jan. Feb & Mar. part covered for snow.

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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	Parish Church.	Distance from gauge.	Direction
1941			Stockton	1 mile	N	Stockton	1 mile	S

BRITISH RAINFALL ORGANIZATION

Station No. 3514RAINFALL at Stockton-on-Lees (Hepburn Park)

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County of Durham Observer Park CuratorRiver Basin Leas & L.Type of Gauge SnowdenAnnual Average 22.9 in. based on 26 years obs. un-weighted. Period of average 1881-1915 Ref. S23-62 " " " 35 " " 1916-1950File No. 276168/27 P

Diameter ...	5"											
Height ...	0' 10"											
Altitude ...	61'											
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Totals
January ...	1.63	1.63	.84	2.07	1.81	3.01	1.82	1.65	2.59	4.25	21.30	
February ...	1.77	.42	2.28	1.50	1.66	1.82	1.62	3.30	.58	2.01	16.96	
March ...	3.21	1.28	.10	1.32	1.19	.59	.95	1.96	.42	1.41	12.43	
April ...	1.31	1.43	1.69	.22	.85	.76	.21	1.37	1.39	.70	9.93	
May ...	4.22	1.85	1.91	2.86	1.82	.45	1.04	2.68	.83	.84	18.50	
June ...	1.44	1.13	2.20	2.09	2.69	3.35	2.60	3.22	1.62	.33	20.67	
July ...	2.11	1.34	2.72	1.56	1.06	2.83	3.68	2.94	1.31	5.31	24.86	
August ...	5.44	2.34	3.40	4.93	.78	7.04	2.66	3.32	.17	3.11	33.19	
September ...	.92	4.44	1.26	1.56	1.27	1.89	2.88	2.20	1.02	2.11	19.55	
October ...	1.31	3.24	1.43	4.30	1.56	1.27	1.75	1.19	1.06	5.49	22.60	
November ...	4.32	3.22	1.42	3.55	1.79	.82	1.30	.70	3.60	2.73	23.45	
December ...	3.30	1.91	.77	1.58	2.11	1.84	1.43	2.52	2.41	2.79	20.66	
TOTALS ...	30.98	24.23	20.02	27.54	18.59	25.67	21.94	27.05	17.00	31.08	244.10	
	D	D	D	D	D	D	D	D	D	D		

1952 Hedge 6' at 8° N.

1956 Hedge 6' at 18° N

1957 Some small accumulations

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Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 451134142

Date.	Lat. N.	Long.	Railway Station.	Distance	Direction	Parish Church.	Distance	Direction
1951			Stockton	1 1/2	N	St. Peter's	1/2 1/2	E.

Summary of Earlier Records from 10-year Sheets :

1916-1950, P-accepted

Record	1910-19	1920-30	1931-40	1941-50	1951-60
D, or d	✓	✓	✓	✓	
	✓ but - 13	✓	✓	✓	