

RAINFALL at Stockton-on-Tees, Billingham.County of DurhamObserver Synthetic ammonia & Nitrate, etc.River Basin Tees & Co. 1.Rain Gauge, by M. G.

Diameter ...							5				
Height .....							0 1	1.0			
Altitude ...							55	50?	35?		39'
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...							1.80	2.11	2.62	1.61	2.65
February ...							1.78	0.56	1.25	.33	1.47
March .....							.90	1.94	1.60	.08	2.72
April .....							1.11	1.75	.79	1.12	2.25
May .....							2.15	1.68	1.19	1.19	1.10
June .....							2.46	2.41	4.58	1.51	.81
July .....							3.25	4.60	1.52	2.00	4.77
August .....							1.80	4.51	3.34	2.73	3.60
September...							2.23	3.75	.56	1.16	2.15
October .....							2.89	1.72	2.63	2.12	1.68
November...							3.57	3.65	1.57	2.41	2.67
December...							1.21	1.68	1.05	2.34	1.63
TOTALS...							25.15	30.26	22.70	18.60	27.59
							D	D	D	D	D

1926. Suggested alteration of g. to 1' above ground (7.665442/26).  
 Screened ther: 4' 6" high, 5' NE.  
 Post & wire fence 3' 0" " 6' 9" approx: at centre of a 12' square.
- 1927 Open space for 10 yds N.E. and W.
- 1929 Inspected.
- 1930 ground 300 yds NW. 23/8/30.

Position of Station on reduced Ordnance Survey } 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
1926	54° 31'	1° 13' <sup>1</sup> / <sub>4</sub>	Billingham	1 m	N 60° W	Billingham	$\frac{5}{8}$ m.	S 80° W

RAINFALL at Stockton-on-Tees (Billingham) (+A)County of DurhamObserver S. Ammonia & Nitrates, Ltd.  
I.C.I. (Fertilizer & Synthetic Products) Ltd.River Basin Tees & C. - 1Type of Gauge M.O.Annual Average 23.3 in. based on 6 years obs. ~~un~~weighted, Period of average 1881-1915 Ref. Tees  
using Hartburn (base) and Middleton (Admiralty) 665442/26

Diameter	5.											
Height	1.6.											
Altitude	35.			39								
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	1.52	1.03	1.82	.65	1.94	2.99	1.31	1.67	3.50	1.73	1796	
February	1.52	.79	2.69	.76	2.93	2.53	2.22	1.31	.63	1.98	1736	
March	1.02	2.25	1.54	1.47	.64	1.33	2.39	.05	2.06	1.81	1456	
April	2.57	.86	.77	2.33	2.71	1.03	2.12	.20	1.25	1.72	1556	
May	2.18	4.24	2.21	.80	.64	1.85	2.40	3.11	1.88	1.12	2043	
June	3.65	1.26	1.22	1.75	2.35	3.51	1.47	1.99	2.10	.87	2017	
July	3.51	3.06	1.51	1.58	.22	3.36	1.17	2.07	2.53	6.23	2604	
August	2.67	2.88	.31	2.31	1.66	2.12	1.14	3.03	2.17	1.16	1945	
September	3.91	2.17	1.19	1.86	3.82	2.47	1.41	1.52	(1.00)	1.13	2078	
October	1.09	2.79	3.90	2.22	3.95	1.10	1.21	3.15	4.60	1.98	2599	
November	1.76	1.56	2.51	1.67	3.32	2.37	2.10	2.05	1.93	2.84	2211	
December	.87	.75	1.29	2.99	2.14	1.40	3.79	2.79	1.03	2.18	1923	
TOTALS	26.27	23.64	20.96	20.39	26.12	26.56	22.73	23.74	(24.68)	24.75	23964	
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.		

1935. Sports field (pavilions) 15' high 50' S.E.

\* see note on sheet 3513/5

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.			Billingham	1/2 m	N.W.	Billingham	1/4 m	W.
1938			"	1 m	N.E.	"	3/4 m	N.W.

Station No. M. 3515RAINFALL at Stockton-on-Tees (Billingham) + A

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County of DurhamObserver I.C.I. (Fertilizer & Synthetic Products) LtdRiver Basin Tees & C-1Imperial Chemical Industries, LtdType of Gauge M.O.(Ltr. 9.26.16.40 gauge changed)Annual Average 23.3 in. based on 6 years obs. unweighted. Period of average 1881-1915 Ref. Teesusing Hartburn Lodge & Middlesbrough (Albert Park)File No. 6.6.54.42/2.6

Diameter	5"		0.33	0.33								
Height	1'6"			1								
Altitude	35'	62'00"	35'	41'								
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
											<u>Total</u>	
January	2.40	2.21	2.57	1.09	4.76	1.10	1.34	5.46	.74	1.32	22.99	
February	4.80	2.17	.42	1.62	1.47	.59	2.30	.91	.37	2.39	17.04	
March	1.98	.46	.54	.55	.27	1.00	2.33	.93	.88	.60	9.54	
April	.54	.50	.69	1.95	1.23	2.05	2.58	1.02	1.76	1.80	14.12	
May	1.20	1.22	1.82	.90	2.45	1.65	2.10	1.22	.82	1.32	14.70	
June	.64	.82	.81	2.21	1.91	1.95	2.54	2.01	.81	1.18	16.58	
July	.77	3.63	1.21	3.06	1.59	3.58	2.35	.91	1.41	2.93	21.44	
August	2.85	2.45	3.85	2.19	2.84	3.11	.41	4.27	1.73	4.67	28.31	
September	.62	2.55	3.21	3.64	1.08	3.16	2.38	1.39	.64	2.41	21.08	
October	3.48	2.22	1.33	2.61	3.25	1.39	.22	1.22	2.17	1.29	19.18	
November	2.43	1.19	2.71	3.66	.50	4.47	1.61	1.28	2.71	5.99	26.55	
December	.26	1.79	1.09	.86	.94	2.36	1.40	1.32	2.21	2.92	15.15	
TOTALS	21.97	21.21	20.25	24.34	22.29	26.41	21.56	23.94	15.95	28.82	226.74	10

1950 Sept. Engineer states that site has deteriorated. long reach 6' high 9' W. 10' 6" N  
tree 28-35' NE. file to be improved at a new one chosen.

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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

BRITISH RAINFALL ORGANIZATION



Station No. 3575 n.RAINFALL at Stockton-on-Tees (Billingham) (+A)

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County of Durham Observer Imperial Chemical Industries Ltd.River Basin Tees & C.Type of Gauge M.O. (+A)\*Annual Average 23.65 in. based on 6 years obs. un-weighted. Period of average 1881-1915 Ref. TeesAnnual Average 23.65 in. based on 22 years obs. within 1931-56File No. 665442/26

Diameter ...	5"		0.33	0.33								
Height ...	1' 6"			1								
Altitude ...	35'			51								
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	1.60	1.62	.87	2.49	1.93	2.83	1.49	1.82	2.42	3.79	20.86	
February ...	1.87	.53	1.81	1.19	1.66	1.72	1.73	2.89	.52	1.92	15.84	
March ...	3.39	1.35	.17	1.43	1.06	.56	.91	2.85	.38	1.28	12.88	
April ...	1.41	1.63	1.63	.17	.83	.79	.32	1.47	1.32	.40	9.97	
May ...	4.79	1.14	2.27	2.07	1.31	.30	1.20	2.92	.35	.88	17.23	
June ...	1.32	1.39	2.15	1.92	2.55	3.39	2.76	2.42	1.35	.27	19.52	
July ...	1.92	1.17	2.68	1.52	1.14	2.62	3.73	2.90	1.93	4.36	23.97	
August ...	5.30	1.59	3.25	5.05	.76	6.71	1.87	3.25	.12	2.89	30.79	
September ...	1.10	5.01	1.12	1.56	1.08	1.72	2.97	1.74	1.07	2.13	19.50	
October ...	1.36	2.63	1.35	3.83	1.45	1.17	1.59	1.09	1.00	5.94	21.41	
November ...	3.73	3.37	1.27	3.31	1.89	.86	1.29	.71	2.92	2.68	22.03	
December ...	3.56	1.92	.80	1.45	2.26	1.55	.97	2.47	2.24	2.62	19.84	
TOTALS ...	31.35	23.35	19.37	25.99	17.92	24.22	20.83	26.03	15.62	29.16	233.84	
	D	D	D	D	D	D	D	D	D	D		

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Note: This is used to check gauge for recorder at Sta. 3575/5. (File 12839/30)

Position of Station on Ordnance One-Inch map: No. of Map..... National Grid Reference (46)46/224

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge

Summary of Earlier Records from 10-year Sheets:

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		C 1926 ✓	✓ V but d 39	✓ ✓	