

RAINFALL AT

Bourne Valley Gas Works [Bourne-mouth]

Lat.

Lon.

County of

Dorsetshire

Rain Gauge, by

Observer

H. C. Woodall Esq.

From - 3.

Diameter ..								8			
Height								1 3			
Altitude ..								84			
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..								1.07	.80	.90	
February ..								1.31	1.12	.43	
March ....								.46	3.63	4.18	
April								3.55	2.02	1.83	
May								1.58	1.55	1.67	
June								1.67	.53	3.48	
July								1.28	1.58	1.87	
August								1.74	3.26	2.95	
September ..								.64	1.98	3.35	
October								10.05	1.96	7.63	
November ..								2.64	.89	.64	
December ..								3.57	3.02	4.54	
TOTALS ..								29.56	22.35	32.97	

1907 St Adolphus Church 1/2 mile S
 Bournemouth Station 1/2 S
 Gasworks 60' high 90' W

RAINFALL at Brankome Bourne Valley Gas Works 1588County of DorsetshireLt Col
ObserverH W Woodall EsqRiver Basin Ferne + C 3Glaisher Rain Gauge, by N + L

glass correct at .25 + .115.

Diameter ...	8											
Height	1.3											
Altitude ...	84 T											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	Total
January ...	3.31	1.43	5.37	5.63	.54	4.08	1.35	2.62	3.88	6.23		16.27
February ...	4.01	1.58	2.68	1.94	4.72	4.34	4.59	1.56	1.44	3.61		14.08
March .....	.62	2.29	4.23	2.78	5.44	.79	3.17	1.87	1.34	4.70		11.08
April	2.17	1.54	.04	3.76	1.31	1.29	.87	.61	1.79	1.69		4.96
May	1.51	.66	1.56	2.42	1.11	2.72	1.69	2.54	1.40	.36		5.99
June	3.13	1.74	4.60	.95	1.26	.78	2.16	2.03	1.05	1.05		6.29
July	3.27	.23	2.42	1.53	3.39	3.46	.96	2.91	4.20	2.17		10.24
August	1.95	1.20	7.00	1.65	2.20	1.14	4.21	5.23	2.08	3.44		14.96
September ...	.21	1.21	3.02	3.06	1.55	2.48	2.55	1.44	6.07	1.42		11.48
October ...	5.72	4.58	4.06	4.29	2.97	6.33	4.81	4.48	1.75	1.13		12.17
November ..	3.71	4.60	2.22	3.10	5.06	3.53	4.72	.80	2.55	2.41		10.48
December ...	5.17	8.48	4.50	1.95	9.33	9.46	4.44	1.13	2.65	5.39		13.58
TOTALS ...	34.78	29.44	41.69	33.06	38.88	40.40	35.49	27.22	30.20	33.60		126.51
	17	2	3	2	2	2				3		48

1710 farholder 60 ft high 90 ft W

+ Inspected c.s. 12.11.13. Old painted Glaisher, on gravel with low rail. Pipe bent nearly double - advised straightening. Solder giving under projecting part of funnel - doing repairs. Wooden pegs 6 ft high.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
9/10	50.48.50 N	1.55.5. W	Brankome	1/2 mile	S	Sialhelm	1/2 m	S

RAINFALL at *Brackham (Bourne Valley) Gas works.*County of *Sussex*Observer *P. G. S. Moon, Esq.*River Basin *Fram - 3*Manager (*Bourne Valley Gas Works*)Rain Gauge, by *N. 23.*

Diameter ...	8											
Height	1.3											
Altitude ...	84											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Means.	
January ...	3.82	3.91	4.50	1.11	3.41	5.63	4.49	2.39	5.61	1.47	3.92	Totals. 40.26
February ...	0.54	.40	2.29	(5.53)	.31	4.79	2.17	3.54	2.82	1.12	.83	24.37
March	2.50	1.53	2.65	1.26	.90	1.15	.71	3.38	3.33	.14	.91	18.46
April	2.22	1.09	4.00	3.84	2.73	2.62	3.90	2.07	1.40	.86	2.11	27.84
May	1.34	1.44	.62	1.93	4.30	3.48	2.35	.85	1.18	1.73	1.72	20.94
June	2.91	.49	1.09	.29	1.88	.00	2.91	2.45	2.25	1.46	.30	16.03
July	5.19	.20	3.76	.68	2.93	3.54	1.23	2.64	1.50	1.68	1.43	24.78
August	1.90	2.63	4.55	2.35	2.78	2.81	1.23	3.58	2.30	1.02	2.87	27.42
September...	1.53	.86	1.49	1.77	3.24	3.71	.65	5.64	1.80	.37	2.87	23.93
October	2.90	1.61	1.77	5.82	4.60	3.86	4.64	2.46	5.80	3.52	2.37	39.35
November...	1.45	2.16	2.19	1.95	4.01	2.94	10.60	3.34	2.88	9.09	5.28	45.89
December...	3.33	1.36	4.56	3.78	5.61	4.03	.48	3.69	3.17	7.04	3.70	40.75
TOTALS...	30.03	17.68	33.47	(30.33)	36.70	38.56	35.36	(36.03)	34.04	29.51	28.31	350.02
inf.	2.	D	D	(2)	D	D	D	D	D	D	D	9.44

Gaskiller 606.482. 90% ff. 40.

1923. Feb. 1-17 estimated from surrounding stations.

1927. corrected for omissions. Obs. agrees.

Position of Station on reduced Ordnance Survey } No. of Map

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	50° 43' 50"	1° 55' 50"	Brackham	1/2 m.	S.	St. Michael's	1/2 m.	S.

RAINFALL at Branksome (Bourne Valley)

County of DorsetshireObserver P. G. A. Morgan Esq. *note. 7/41*River Basin Freme & C. - 3Bournemouth Gas Works Co.

Type of Gauge.....

Annual Average 32.0 in. based on 19 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. Sumner

780 903/27

Diameter	8.											
Height	1.3.											
Altitude	84.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Totals	Means
January	1.78	2.40	2.38	2.68	.93	5.35	5.76	3.53	5.99	4.13	34.93	
February	1.91	.10	3.97	.01	3.20	2.88	6.18	.62	1.39	3.19	23.45	
March	1.15	1.72	3.28	2.78	.95	3.51	3.53	.30	1.11	3.12	21.45	
April	2.14	2.82	1.37	1.66	3.45	1.48	2.37	.00	2.05	1.12	18.46	
May	2.47	3.32	1.47	.87	.82	.63	3.12	1.47	1.02	1.13	16.32	
June	2.62	1.85	1.18	.98	3.66	1.45	.19	.88	1.95	.21	14.97	
July	4.12	3.24	1.68	.07	.48	3.34	2.09	1.73	4.04	3.86	24.65	
August	3.05	.67	1.07	3.63	2.86	.15	2.00	1.59	2.65	.00	18.67	
September	1.55	3.28	2.23	2.04	3.75	3.07	2.76	1.45	2.68	1.79	24.60	
October	.54	6.11	1.48	1.42	5.82	1.46	6.21	3.62	5.46	4.95	37.07	
November	4.54	2.10	.75	2.28	7.78	3.41	1.49	5.13	5.69	8.35	41.52	
December	1.06	1.23	1.11	8.86	4.67	3.42	4.42	3.47	1.62	2.09	31.95	
TOTALS	26.93	28.84	21.97	24.28	38.37	30.15	40.12	23.79	36.65	33.94	308.04	

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
1931			Branksome	$\frac{1}{2}$ m.	S.	St. Aldhelm's	$\frac{1}{2}$ m.	S.

Station No. 1588

RAINFALL at Brankome (Bosham Valley) 41County of West.Observer James T. Green Water G.River Basin Horne C-3Southern Gas Board 1949

Type of Gauge.....

Annual Average 30.0 in. based on 19 years obs. un-weighted. Period of average 1881-1915 Ref. 5File No. 28070557 E11157/50

Diameter	8"				346	876					5	
Height	1'3"					1					1'2"	
Altitude	84'					41					50'	
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	4.70	3.93	7.38	2.46	1.98	4.50	3.14	6.00	.84	.79		Totals 35.72
February	3.58	.28	1.10	.42	2.08	3.29	1.88	1.46	1.31	5.59		20.99
March	3.94	3.01	1.02	.31	.88	1.34	7.23	1.14	1.44	1.46		21.77
April	2.14	2.17	.95	1.89	.77	2.68	2.40	1.76	1.86	2.71		19.33
May	2.21	3.97	3.01	.44	2.39	4.28	1.48	2.26	1.71	1.96		23.71
June	2.00	.41	1.22	1.88	2.43	4.14	1.88	2.28	.38	1.33		17.95
July	2.00	1.89	2.39	2.79	1.13	1.11	.77	1.19	.50	4.48		18.25
August	3.90	3.50	1.94	2.49	2.38	4.34	.41	3.44	1.32	2.27		25.99
September	.97	2.93	2.89	2.16	2.99	4.73	1.57	2.65	4.12	3.67		28.68
October	1.02	4.71	4.86	5.25	3.66	1.63	1.67	2.04	7.98	.99		33.51
November	2.08	1.63	2.13	7.30	.99	6.59	1.73	1.75	3.64	6.31		34.35
December	2.87	4.46	3.25	2.74	5.00	4.32	3.26	5.32	2.02	2.47		35.71
TOTALS	31.41	32.89	32.14	30.13	26.68	42.95	27.42	31.29	27.02	34.03		315.96

Engineer considers that owing to trees the site is a poor one.

No return may not be made after 1943

1950. Returns of gauge from or 1950 as from 5 mi., 7 mi. 1 1/2 mi., 11. above sea 50 ft.

— No related correspondence.

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			Brankome	1 mile	S.	St. A lollis	1 mile	S.

BRITISH RAINFALL ORGANIZATION

Station No. 1588

RAINFALL at Branksome (Bourne Valley)

51

County of Dorset Observer Southern Gas Board

River Basin Frome: C-3

Type of Gauge Snowden (8")

Annual Average 30.0 in. based on 19 years obs. un-weighted. Period of average 1881-1915 Ref S

31-11-14 - " 35 - " 1916-1950

File No. 1916-1950 E.11157/50 P

Diameter ...	8"				3 1/2	8 1/2				8"	
Height ...	1' 2"					1				1' 0"	
Altitude ...	50'					51				80'	
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.65	2.24	1.08	1.75	3.34	4.93	3.06	4.46	3.73	3.35	3159 802.38
February ...	6.52	.85	1.36	2.84	2.02	.10	4.36	3.19	.33	2.88	2444 620.77
March ...	4.16	2.81	.62	4.62	1.29	1.00	2.80	1.72	3.63	2.48	2513 638.30
April ...	3.45	2.09	2.33	.18	.58	2.21	.13	.78	2.56	2.09	1640 416.56
May ...	2.61	2.42	2.61	3.82	3.98	.50	2.04	2.16	.98	2.37	2349 596.64
June ...	.46	.88	2.48	2.81	2.65	2.77	1.45	3.86	1.76	2.54	2166 550.16
July ...	1.10	.81	3.19	3.66	.65	3.85	3.00	1.18	2.03	5.56	2503 635.76
August ...	4.66	3.26	1.98	3.22	.87	3.48	2.80	3.26	2.41	5.37	3171 805.43
September ...	3.73	5.02	3.03	3.89	1.57	5.37	2.96	4.73	4.1	6.26	3697 939.03
October ...	1.54	4.88	3.41	3.05	4.97	1.48	2.63	3.22	3.38	10.40	3896 989.58
November ...	10.68	4.64	2.18	5.71	2.80	1.04	2.12	2.62	4.25	6.08	4212 1069.84
December ...	3.18	2.90	.84	2.96	6.39	6.09	2.54	4.56	9.48	3.89	4083 1037.08
TOTALS ...	45.74	32.80	25.01	38.51	30.11	31.82	29.88	35.74	35.45	53.27	35833 901.58
	D	D	D	D	D	D	D	D	D	D	

1951 shed 4' high at 50' N.W., shed 16' gable end at 55' N.W.

Inspected 26.4.60 by J.H.H. Screen 5'-7' WSW (rec. to be moved) Gasometer at maximum 60'-100' WSW and 150'-210' NNE. otherwise satisfactory.

Position of Station on Ordnance One-Inch map: No. of Map..... National Grid Reference SZ(hg) 060924

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Branksome	590 yds S.W.	St. Oldhelms	720 yds 30° S.W.

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 -15-18	✓ but d 20, 23	✓ but d 31, 32	✓	