

Rainfall at *Wigan W. W.**J. L. Hunter. C. E.**9 in = 69*  
*1 6 66 68**1 3 65**228 = 69*Diameter of Gauge, *8* in.Height above Ground, *1* ft. *2* in.Above Mean Sea Level, *225* ft.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -					2.24	2.30	3.53	2.68	2.18	2.51	
February - -					2.40	2.36	3.76	2.57	2.04	4.36	
March - - -					2.68	1.90	2.09	1.16	4.77	1.49	
April - - -					1.68	1.51	.57	3.80	1.95	2.38	
May - - - -					2.06	3.24	1.88	2.33	1.85	3.27	
June - - - -					3.31	.54	4.73	1.29	.45	2.11	
July - - - -					2.15	3.56	3.48	3.89	.64	1.07	
August - - -					2.07	4.83	4.87	1.95	4.05	2.89	
September -				#	6.21	4.01	0.35	6.72	2.86	2.20	7.08
October - -					6.40	2.22	5.18	2.59	5.10	6.58	4.47
November -					3.95	3.79	2.57	5.45	1.20	2.98	4.74
December -					2.90	1.75	1.06	3.94	4.68	7.89	3.35
TOTALS -					30.36	29.42	43.61	33.51	37.58	40.52	

*C C C C C C C*

RAINFALL AT *Migan Water Works*

Lat.....

Lon.....

County of.....

*Lancashire*

Rain Gauge, by.....

Observer

*J. L. Hunter Esq. F.R.S.*

Diameter.....	6			8								
Height.....	1 6	1 0		9 1 6								
Altitude.....	225		228	225	225							
YEAR.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	3.17	7.28	5.09	4.24	4.23	4.05	1.58	5.77	3.30	1.54	3.425	
February.....	1.23	3.00	3.92	7.5	1.66	8.4	3.81	4.28	1.67	3.36	2.452	
March.....	2.56	1.29	4.03	3.88	3.30	7.8	2.87	3.89	1.68	1.39	2.567	
April.....	1.61	2.95	2.92	9.0	1.68	8.9	2.66	2.39	1.64	2.18	1.982	
May.....	1.57	2.11	3.30	1.87	1.36	2.20	8.6	3.17	4.44	1.79	2.267	
June.....	1.89	3.26	5.92	2.05	1.13	3.58	3.24	1.91	3.46	5.32	3.176	
July.....	84	5.10	5.83	3.16	3.17	5.86	3.47	6.61	1.79	4.37	4.020	
August.....	2.07	1.68	4.16	4.65	4.91	2.50	3.65	5.46	6.28	6.64	4.200	
September.....	2.84	3.93	6.69	2.60	4.33	5.01	5.75	2.81	5.09	3.02	4.207	
October.....	9.95	7.35	5.01	5.93	6.60	6.22	2.69	4.97	4.49	2.46	5.567	
November.....	3.55	1.62	3.77	2.91	5.67	4.21	4.23	6.00	2.50	9.4	3.540	
December.....	3.07	2.76	4.20	1.34	3.22	1.56	5.56	3.90	2.32	2.35	3.028	
TOTALS.....	34.35	36.33	54.84	34.28	41.26	37.70	40.37	51.16	38.66	35.36	40.431	

1871 by quite exposed

# RAINFALL AT *Wigan Waterworks* 80

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

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

County of *Lancashire*

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

Observer *W. Bolton, Esq.*

*Ribble - Douglas 2*

Diameter ....	8										
Height .....	1.6										
Altitude ....	225T										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	57	78	291	509	392	197	524	202	170	119	2539
February ....	222	537	194	249	257	295	89	78	96	205	2222
March .....	229	369	321	116	254	245	260	188	258	213	2443
April .....	156	156	433	185	102	141	146	129	116	217	1781
May .....	245	355	244	65	151	178	516	198	72	332	2356
June .....	251	264	518	375	198	280	221	78	234	67	2486
July .....	631	440	584	279	416	195	394	129	761	311	4140
August .....	151	502	462	279	185	286	188	161	446	595	3175
September ....	475	237	244	560	284	511	401	455	123	327	3617
October .....	281	390	347	530	198	604	538	203	206	302	3599
November ....	427	385	542	416	172	370	289	142	556	169	3468
December .....	574	498	350	209	370	207	387	249	220	318	3382
TOTALS ....	3699	4211	4530	3772	2979	3429	3943	2212	3258	3175	35208

1880. St. Wilfred

1 mile W.

Stouten 30ft. high 250 yards NW.



# RAINFALL AT *Wigan Waterworks*

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

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

County of *Lancashire*

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

Observer \_\_\_\_\_

*W Bolton Esq*

*Ribble - Douglas 2*

Diameter ....	8											
Height .....	1	6										
Altitude ....	225	5										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....	3.52	1.80	3.18	1.48	2.63	2.89	1.06	1.33	2.52	4.83	2.524	
February ....	.55	.09	2.25	4.07	4.58	.34	1.61	2.49	2.16	1.52	1.966	
March .....	2.54	1.09	.96	.82	2.84	3.28	4.12	2.77	1.42	2.04	2.188	
April .....	1.54	2.34	1.67	.35	1.59	2.67	1.49	2.58	1.67	3.20	1.910	
May .....	2.11	2.45	3.30	2.18	3.19	.91	.43	2.29	3.36	2.77	2.299	
June .....	3.69	2.58	3.86	2.02	3.09	2.06	3.40	4.37	2.81	2.01	2.989	
July .....	2.71	2.97	3.64	3.19	3.31	4.88	2.42	1.50	.56	2.47	2.765	
August .....	4.91	7.30	4.18	3.99	5.02	3.46	2.76	4.11	5.07	1.51	4.231	
September ....	2.50	3.24	3.97	4.89	.69	1.38	6.68	4.38	1.37	5.98	3.508	
October .....	2.84	4.03	5.53	3.22	3.61	4.00	4.56	2.03	3.69	2.98	3.649	
November ....	6.93	3.81	2.79	2.62	3.26	3.11	1.34	4.09	3.25	1.75	3.295	
December ....	.45	5.59	2.53	4.39	3.20	3.15	5.31	4.00	3.37	3.00	3.499	
TOTALS ....	34.29	37.29	37.86	33.22	37.01	32.13	35.18	35.94	31.25	34.06	34.823	

1891 Standish 1 Mile W

House 30 ft high 250 yds N.W.

18/10-

# RAINFALL AT

Wigan Waterworks

Warrington

Lat.

Lon.

County of Lancashire. *hull*

Rain Gauge, by

Observer

W. Bolton Esq

Ribble Douglas 2.

Diameter ..	8										
Height ....	1 6										
Altitude ..	225 T										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.66	2.56	2.81	2.68	3.08	1.32	5.45	1.56	2.69	1.70	2.851
February ..	3.01	1.83	1.42	2.87	3.85	2.01	3.57	1.63	2.93	1.08	2.421
March ....	.75	2.75	2.59	3.31	1.89	2.81	2.31	2.78	3.04	2.95	2.578
April .....	1.80	2.40	1.97	1.83	1.81	2.84	1.41	1.80	2.60	2.87	2.133
May .....	2.18	.99	3.73	3.04	2.25	.59	3.40	3.28	3.13	2.80	2.539
June .....	2.69	2.04	1.64	1.92	1.83	1.90	2.85	6.31	2.07	2.98	2.623
July .....	1.90	1.87	3.34	2.95	1.11	2.04	1.29	3.22	4.56	5.57	2.785
August ....	6.14	2.57	2.12	5.31	4.36	4.01	3.12	4.55	3.30	3.14	3.862
September ..	1.64	1.36	1.89	5.16	2.08	2.32	1.71	1.07	4.41	2.95	2.459
October ....	5.61	3.20	3.96	7.60	2.47	3.82	5.91	3.17	2.22	5.18	4.314
November ..	4.04	3.74	2.07	3.81	2.35	4.41	2.55	3.24	2.62	1.62	3.045
December ..	4.42	4.21	3.00	1.98	3.12	.74	3.60	3.59	2.61	6.77	3.404
TOTALS ..	38.84	29.52	30.55	42.46	30.20	28.81	37.17	36.20	36.18	39.61	34.952

D D D D D

W.B.

1900 Standish Church 1 mile W

House 35 ft high 750 ft N.W.

1906 Standish Station 500 yards W

RAINFALL at Wigan Waterworks Warrington 1913County of Central LancashireObserver W. Bolton T. L. Hughes Esq.River Basin Ribble-Douglas 2R. B. Donald Esq. 1918.

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

Diameter ...	8												
Height .....	1.6												
Altitude ...	225												
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.		
January ...	3.79	1.13	3.68	3.97	2.36	4.72	2.42	2.61	2.74	4.48			1295
February ...	3.15	2.90	1.81	1.22	2.17	4.22	3.37	1.39	3.54	1.06			936
March .....	.72	1.14	5.85	3.83	4.00	1.46	1.85	2.18	1.69	6.27			1100
April .....	2.49	3.10	.57	4.73	1.09	2.00	3.28	2.11	.99	2.18			856
May .....	3.02	2.31	2.19	2.83	2.06	1.48	2.59	2.42	2.54	1.53			908
June .....	2.88	3.45	4.05	2.43	1.19	2.12	4.32	2.10	1.83	2.56			1081
July .....	5.04	.29	4.36	1.88	5.03	3.77	2.36	2.12	3.89	1.54			991
August .....	4.95	2.98	7.09	2.41	1.55	4.80	4.02	6.79	3.50	4.07			1888
September ..	.38	3.89	2.38	1.91	4.61	.88	2.77	2.34	10.77	1.99			1787
October ...	3.11	2.46	4.70	2.42	2.93	2.11	6.94	7.58	4.08	3.11			9171
November ...	5.69	3.40	2.85	3.89	4.81	2.36	2.61	4.37	2.91	2.83			1072
December ...	3.42	6.48	3.27	2.25	6.30	7.18	2.64	2.57	8.51	6.03			1975
TOTALS ...	38.64	33.53	42.80	33.77	39.00	37.05	39.17	38.58	46.99	37.65	38.718		16237
	$\bar{x}$	$\bar{x}$	$\bar{x}$	$\bar{x}$	$\bar{x}$	$\bar{x}$	$\bar{x}$	$\bar{x}$	$\bar{x}$	$\bar{x}$			426

1912. House 30 ft high 250 yds N.W.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	53.35.55	2.38.44	Standish	1/2 m 500 yds	NW W	Standish	1 1/2 m	NW W



RAINFALL at Worthington (Wigan 155) *New Gauge*County of C Lancs Observer W. F. Gardner CE (Boro's Water Eng)River Basin Ribble - Douglas 2MO Rain Gauge, by \_\_\_\_\_

Diameter ...									5			
Height .....									1.0			
Altitude ...									225			
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	<u>MEANS</u> 1920	
January ...									(8.60)	2.31	5.48	<i>Totals</i> 47.98
February ...									(3.88)	1.07	.23	30.21
March .....									2.67	1.41	2.81	28.74
April .....									1.06	.93	2.25	24.39
May .....									1.33	2.56	1.43	34.35
June .....									6.08	1.55	1.71	25.26
July .....									2.46	3.41	4.65	44.37
August .....									6.04	3.99	6.63	56.62
September...									1.34	2.23	3.05	40.35
October .....									4.79	5.57	5.18	43.11
November...									6.09	7.47	6.14	50.06
December...									3.23	5.97	4.47	43.49
TOTALS...									(47.56)	86.17 D	44.03 D	468.93 475

1923 Jan &amp; Feb not

1929. House 30 ft. 150 yds. N.W.

0

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
			<u>Standish</u>	<u>1/2 m</u>	<u>N.W.</u>	<u>Standish</u>	<u>1/2 m</u>	<u>N.W.</u>

RAINFALL at Wigan Waterworks NorthingtonCounty of C. LancashireObserver R. B. Donald Esq C. EsqRiver Basin Ribble-Douglas 2T.D.  
(26)

Rain Gauge, by

(2995) 20

Diameter ...	8										
Height .....	1.6										
Altitude ...	225										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	3.94	5.77	4.41	2.96	3.02	2.43	4.79	4.27	8.60 9.10	2.31	
February ...	2.99	1.17	3.75	5.50	1.04	6.08	3.65	1.85	3.88 3.94	1.07	
March .....	4.14	2.78	2.84	1.95	1.56	1.45	1.25	5.88	2.67 2.83	1.41	
April .....	5.49	1.77	2.43	3.40	2.03	1.64	1.42	1.98	1.05 1.11	1.93	
May .....	6.85	2.36	1.59	3.50	5.68	4.32	3.52	1.21	1.53 1.48	2.56	
June .....	2.77	4.11	2.91	1.85	2.80	0.04	1.70	4.44	6.08 6.49	1.55	
July .....	6.92	1.45	4.50	4.48	5.38	3.44	3.87	3.81	2.86 2.62	3.41	
August .....	2.74	6.00	3.90	5.23	8.09	3.42	4.40	6.18	6.04 6.27	3.99	
September...	3.65	1.27	4.29	4.07	4.07	4.55	4.87	6.96	1.34 1.40	2.23	
October .....	1.25	3.15	4.3	5.34	4.58	4.80	3.83	4.19	4.79 4.95	5.57	
November...	1.65	3.33	3.14	4.86	2.21	4.11	6.44	4.62	6.09 6.72	7.47	
December...	3.03	4.88	5.53	5.36	4.95	2.73	1.80	1.54	3.23 3.48	5.97	
TOTALS...	45.42	33.34	39.72	47.50	45.41	39.01	41.54	46.93	47.56 50.36	NR.	
	D	D	D	D	D	D	D	D	D	35.47	

1920 House 30ft high 150 yds N.W.

11/1/28 Inspected by Mr. Colless see green file

1928 Peak up. see previous sheet for New gauge.

\* 1929, also upper row values 1928, are those from the New gauge.

78. 11/1/63

Position of Station on reduced Ordnance Survey  
Map, 2 miles to 1 inch Series

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
1920	53° 35' 15"	2° 57' 50"	Standish	1/2 mi	NW	Standish	1/2 mi	NW



## RAINFALL at Wigan W.W. (Werthington)

County of Central LancashireObserver W. F. Gardner, F.R.S.River Basin Ribble-Douglas-2The Borough EngineerType of Gauge MO.Annual Average 35.4 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. S. B. 1 N

818573/27.

Diameter	5.											
Height	1.0.											
Altitude	225.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Totals
January	4.83	4.09	2.39	2.95	2.13	3.01	2.47	4.09	5.27	2.04		35.27
February	4.01	1.02	3.90	1.26	4.21	2.54	5.32	1.14	3.82	2.43		27.65
March	2.28	2.66	2.52	2.43	1.07	2.43	1.92	1.29	2.07	2.57		19.24
April	2.75	2.59	1.36	2.21	2.72	1.29	3.17	1.34	2.43	2.47		21.33
May	2.28	4.66	1.98	2.91	1.42	4.49	2.24	4.34	1.23	1.43		22.98
June	5.72	1.47	2.73	2.01	3.43	5.30	1.59	2.34	3.87	1.03		29.49
July	3.18	6.25	2.08	1.71	1.81	4.60	1.94	3.90	7.52	5.18		38.17
August	5.71	1.75	1.91	2.38	1.92	2.42	2.81	3.32	1.70	1.71		25.83
September	3.82	4.33	1.90	3.59	6.09	4.59	1.47	2.20	1.10	3.37		31.46
October	2.41	7.94	4.28	4.62	7.60	3.70	1.98	8.61	1.76	4.26		47.16
November	6.97	3.14	2.01	1.93	4.33	4.99	1.72	5.01	6.68	6.09		41.87
December	2.01	1.78	1.52	5.43	3.52	4.32	2.53	4.84	3.31	3.76		32.02
TOTALS	43.97	38.68	26.58	33.63	40.25	41.68	29.16	42.42	39.76	36.34	372.47	372.47
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.		266

House 30' high 150 yds NW

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			Standish	1/2 m	NW	Standish	1/2 m	NW

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

Station No. T.F. 2995RAINFALL at Wigan W.D. (Worthington)

41

County of Central Lancashire Observer The Borough EngineerRiver Basin Ribble - Douglas - 2Type of Gauge M.O.Annual Average 35.4 in. based on 26 years obs. un-weighted. Period of average 1881-1915 Ref. B. of N.File No. 813593/27

Diameter	5"		569	845								
Height	1'0"			1								
Altitude	225'			41								
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	1.46	4.01	4.38	4.76	2.84	4.51	3.06	9.14	2.35	2.18		Total 38.89
February	3.91	1.62	2.31	1.52	4.07	5.07	.53	1.98	1.96	4.66		27.63
March	2.49	2.98	.96	.74	1.27	.79	4.96	1.41	2.76	1.79		20.45
April	1.36	1.78	2.03	2.58	2.19	1.00	3.00	1.51	2.73	2.95		21.13
May	2.43	4.16	3.19	2.18	3.60	1.61	2.87	1.90	2.95	1.57		26.46
June	.31	.76	3.24	2.52	3.25	3.23	1.96	4.35	1.00	2.67		23.49
July	2.23	3.92	3.39	4.31	3.21	3.57	2.72	2.77	3.08	4.22		33.42
August	6.15	4.92	5.76	2.98	2.17	6.96	.14	5.33	2.48	6.94		43.83
September	.89	2.62	5.42	5.84	2.16	5.97	3.35	2.56	1.70	7.35		37.86
October	4.13	5.25	4.07	5.27	5.25	1.39	.69	2.90	3.93	3.12		36.00
November	2.47	1.01	3.78	6.90	.47	5.61	4.28	2.26	5.68	5.43		37.89
December	1.96	3.68	2.32	3.68	2.87	3.77	3.21	4.17	4.89	3.57		34.12
TOTALS	30.09 D	36.71 D	41.05 D	43.28 D	33.35 D	43.48 D	30.77 D	40.48 D	35.51 W.P. Church	46.45 W.P. Church	381.17	381.17

1941. House 30' high 150 yds. N.W.

33 4.7 2  
2 3 5Position 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			Standish L.M.S.	1/2 m.	N.	Standish	1 1/4 m.	W.

BRITISH RAINFALL ORGANIZATION

Station No. *TF 2995/2*RAINFALL at *Wigan W.W. (Worthington) New gauge* 41County of *Central Lancashire* Observer *The Borough Engineer*River Basin *2 - Ribble - Douglas.*Type of Gauge *M.O.*Annual Average *35.4* in. based on *old gauge* years obs. un-weighted. Period of average *Ref.**Average from Sta 2995 adopted*File No. *815593/27*

Diameter				<i>569</i>	<i>846</i>				<i>5 in</i>		
Height					<i>1</i>				<i>1-0</i>		
Altitude					<i>41</i>				<i>225</i>		
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January								<i>4</i>	<i>2.34</i>	<i>2.19</i>	
February									<i>1.96</i>	<i>4.69</i>	
March									<i>2.74</i>	<i>1.84</i>	
April									<i>2.45</i>	<i>2.99</i>	
May									<i>3.00</i>	<i>1.58</i>	
June									<i>1.02</i>	<i>2.67</i>	
July									<i>3.13</i>	<i>4.22</i>	
August									<i>2.50</i>	<i>6.93</i>	
September									<i>1.73</i>	<i>7.39</i>	
October									<i>3.90</i>	<i>3.11</i>	
November									<i>6.41</i>	<i>5.42</i>	
December									<i>4.89</i>	<i>3.62</i>	
TOTALS									<i>35.67</i>	<i>46.65</i>	

*New gauge set up three feet from old gauge (Station No 2995) on 11-8-49*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. 2995RAINFALL at Nigan W.W. (Worthington)

51

County of Central LancashireObserver The Borough EngineerRiver Basin Libble Douglas 2Type of Gauge M. O.Annual Average 39.57 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. PFile No. 1916-1950

Diameter ...	5"										
Height ...	1' 0"										
Altitude ...	225'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.93										
February ...	2.86										
March ...	4.44										
April ...	2.21										
May ...	2.46										
June ...	1.18										
July ...	3.18										
August ...	5.21										
September ...	3.31										
October ...	4.1										
November ...	8.67										
December ...	7.63										
TOTALS ...	45.77										
	NP										

1951 M.P. Lohck.

(Bk. of Averages)

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference SX34582.103

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

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 - 12.13	✓	✓	✓	

Station No. 2995/2 T.F. 40

**RAINFALL** at Wigan W.M. (Worthington) bus gauge 51  
 County of Central Lancashire Observer The Borough Engineer  
 River Basin Little Douglas - 2  
 Type of Gauge M.O. (+AOS)

Annual Average 35.4 in. based on        years obs. un-weighted. Period of average 1921-1945 Ref. B 411" " 39.78 " " 9 " " 1949-57 " " " 1916-50 File No. 812593/27  
Ref. 5

Diameter ...	5"			569	846						
Height ...	1" 0"				1						
Altitude ...	225'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.97	3.79	1.89	3.11	2.85	5.45	2.43	3.61	2.89	5.57	
February ...	2.87	1.18	1.25	3.60	2.38	.82	2.98	6.48	.37	3.03	
March ...	4.47	2.09	1.41	2.68	1.92	1.56	2.98	2.08	1.92	1.92	
April ...	2.21	3.77	2.86	.88	2.21	2.40	.87	1.24	2.62	2.32	
May ...	8.49	2.56	2.13	2.52	4.00	1.49	2.06	4.40	1.68	3.00	
June ...	1.18	3.27	2.42	2.96	3.89	2.10	1.84	4.42	2.24	1.42	
July ...	3.19	1.71	4.03	5.79	.89	5.11	5.04	4.11	4.56	6.96	
August ...	5.25	3.58	4.32	5.44	1.59	11.20	6.11	4.81	.37	5.15	
September ...	3.32	3.83	4.51	4.29	4.20	3.26	6.65	4.54	.30	3.68	
October ...	.69	5.27	2.01	7.29	2.29	2.50	4.92	3.88	4.50	4.04	
November ...	8.65	2.69	4.71	7.21	2.09	1.63	1.94	1.96	5.24	6.94	
December ...	7.41	3.96	1.49	4.98	5.06	3.55	4.25	3.98	7.07	4.36	
TOTALS ...	45.90	37.70	33.03	50.75	33.37	41.07	42.07	45.51	33.76	48.39	
	D	D	D	D	D	D	D	D	D	D	

1954 - House 30 to 150 yds NW.

1956 - Values 3-11 April taken from Billings' flight log - gauge station.

1958 - Incl 1454 on file amends rate details. Shed 5, +5 NE; lamp post 1.5', 4' South.  
 Gauge moved 455' SW on 7-4-56Position of Station on Ordnance One-Inch map : No. of Map        National Grid Reference 51 101025

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1954			Wigan	3 1/2 m S	Staniel	1 1/4 m NW.

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
				61949	