

Oldham.

Gas Works in centre of Town

James Taylor

8 ft.
+ Ground 6 ft.

+ Sea level 600 ft.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	2.55	.27	2.52	5.81	1.68	2.87	5.02	3.68	3.25	2.56	3.081
February - -	.89	1.99	.73	1.46	2.93	2.37	4.63	3.84	2.67	4.73	2.624
March - - -	3.77	4.46	3.95	1.01	3.31	1.41	2.09	1.10	4.08	1.27	2.645
April - - - -	1.37	.87	3.53	1.57	1.39	1.54	.68	4.66	1.81	2.00	1.942 -
May - - - - -	3.18	1.02	5.70	1.94	4.22	2.75	1.72	2.35	1.29	2.11	2.628
June - - - - -	6.30	2.14	3.49	4.41	3.48	.96	3.81	1.82	.57	1.37	2.835
July - - - - -	2.71	3.95	4.43	1.76	1.55	2.56	3.04	5.33	.32	1.27	2.692
August - - -	4.48	2.63	3.22	4.96	2.74	5.21	5.06	2.12	2.70	2.70	3.582 +
September -	2.52	4.33	5.17	6.41	4.02	.89	7.15	2.70	1.34	6.62	4.115
October - - -	4.47	1.16	5.78	6.05	2.27	4.76	2.72	4.08	5.62	3.54	4.045
November - -	2.51	4.28	1.68	3.43	3.20	3.56	6.39	1.97	2.85	4.99	3.436
December - -	1.63	1.56	3.36	3.22	2.51	.80	5.37	4.12	7.87	4.04	3.448
TOTALS -	36.38	28.66	43.56	42.03	33.30	29.68	47.68	37.97	34.37	37.60	37.123

1860 June 2 = .92

1861 Nov. 25 = 1.04

1862 Mar. 24 = 1.13. May 7 = 1.08 Sept. 3 = 1.22.

1863 Jan 1 = 1.81 June 12 = 1.46

1859 July 22 New Crosley gauge fixed

1862 Jan 1 to 13 Crosley gauge away

Mar. 24 New 5 in gauge fixed Crosley stopped

April 3 Crosley gauge replaced

1863 July 6 Crosley abandoned new 5 in. begun

RAINFALL AT *Oldham Gas Works*

Lat..... Lon..... County of... *Lancashire*...

..... Rain Gauge, by..... Observer *J. Taylor Esq.*.....

Diameter.....	<i>.9</i>	<i>.</i>			<i>.5</i>					<i>.5</i>	
Height.....	<i>6</i>	<i>.</i>			<i>4</i>					<i>5</i>	<i>-</i>
Altitude.....	<i>600</i>	<i>ft</i>									
YEAR.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	<i>3.37</i>	<i>1.58</i>	<i>4.38</i>	<i>3.65</i>	<i>4.11</i>	<i>5.10</i>	<i>2.42</i>	<i>5.41</i>	<i>4.41</i>	<i>1.46</i>	
February.....	<i>7.04</i>	<i>2.75</i>	<i>4.24</i>	<i>.65</i>	<i>1.80</i>	<i>1.07</i>	<i>4.18</i>	<i>4.05</i>	<i>1.59</i>	<i>3.16</i>	
March.....	<i>1.94</i>	<i>7.20</i>	<i>3.07</i>	<i>2.21</i>	<i>3.99</i>	<i>.72</i>	<i>4.22</i>	<i>3.18</i>	<i>2.05</i>	<i>1.95</i>	
April.....	<i>2.12</i>	<i>3.89</i>	<i>3.01</i>	<i>.53</i>	<i>1.31</i>	<i>1.19</i>	<i>2.94</i>	<i>2.04</i>	<i>1.85</i>	<i>1.35</i>	
May.....	<i>1.25</i>	<i>1.85</i>	<i>2.36</i>	<i>2.24</i>	<i>1.99</i>	<i>2.31</i>	<i>1.35</i>	<i>3.35</i>	<i>3.48</i>	<i>2.29</i>	
June.....	<i>1.74</i>	<i>2.96</i>	<i>6.20</i>	<i>2.66</i>	<i>1.28</i>	<i>3.84</i>	<i>3.40</i>	<i>2.94</i>	<i>3.42</i>	<i>4.80</i>	
July.....	<i>1.72</i>	<i>3.88</i>	<i>5.53</i>	<i>4.86</i>	<i>1.97</i>	<i>4.54</i>	<i>3.70</i>	<i>5.57</i>	<i>.48</i>	<i>5.33</i>	
August.....	<i>2.67</i>	<i>1.71</i>	<i>3.76</i>	<i>4.68</i>	<i>5.21</i>	<i>3.35</i>	<i>3.79</i>	<i>4.47</i>	<i>5.41</i>	<i>6.80</i>	
September.....	<i>3.21</i>	<i>4.03</i>	<i>5.99</i>	<i>2.68</i>	<i>4.58</i>	<i>5.78</i>	<i>4.50</i>	<i>2.96</i>	<i>5.24</i>	<i>3.11</i>	
October.....	<i>8.88</i>	<i>4.50</i>	<i>4.98</i>	<i>5.83</i>	<i>4.47</i>	<i>4.27</i>	<i>2.75</i>	<i>4.46</i>	<i>3.22</i>	<i>3.02</i>	
November.....	<i>2.70</i>	<i>1.31</i>	<i>4.84</i>	<i>7.4</i>	<i>4.44</i>	<i>4.50</i>	<i>3.53</i>	<i>6.35</i>	<i>2.67</i>	<i>1.72</i>	
December.....	<i>1.83</i>	<i>2.37</i>	<i>2.21</i>	<i>.96</i>	<i>2.86</i>	<i>1.32</i>	<i>5.67</i>	<i>3.46</i>	<i>1.97</i>	<i>3.07</i>	
TOTALS.....	<i>32.49</i>	<i>32.11</i>	<i>50.67</i>	<i>33.59</i>	<i>38.01</i>	<i>37.99</i>	<i>42.45</i>	<i>48.24</i>	<i>35.79</i>	<i>38.06</i>	<i>38.930</i>

1873 A new 5 in gauge was started in October and
the observations for the last three months were made
by it.
1879 No return

RAINFALL AT *Oldham Gas Works*

80

Lat. _____

Lon. _____ County of *Lancashire*

Rain Gauge, by _____

Observer *F. Bateman, Esq., F.R.S.*

Messing - Inwell 3

Diameter	<i>5"</i>											
Height	<i>4.0</i>											
Altitude	<i>660T</i>											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	<i>.61</i>	<i>.59</i>	<i>3.56</i>	<i>5.42</i>	<i>5.62</i>	<i>2.32</i>	<i>5.65</i>	<i>1.81</i>	<i>2.07</i>	<i>1.86</i>	<i>2.951</i>	
February	<i>2.27</i>	<i>5.34</i>	<i>3.05</i>	<i>1.89</i>	<i>2.47</i>	<i>2.96</i>	<i>.61</i>	<i>.71</i>	<i>1.21</i>	<i>2.29</i>	<i>2.280</i>	
March	<i>2.84</i>	<i>4.25</i>	<i>3.29</i>	<i>.88</i>	<i>1.96</i>	<i>2.54</i>	<i>2.66</i>	<i>1.48</i>	<i>2.31</i>	<i>3.44</i>	<i>2.565</i>	
April	<i>1.88</i>	<i>1.45</i>	<i>4.42</i>	<i>1.87</i>	<i>1.27</i>	<i>1.31</i>	<i>2.47</i>	<i>1.11</i>	<i>2.52</i>	<i>1.78</i>	<i>2.008</i>	
May	<i>2.58</i>	<i>4.61</i>	<i>1.82</i>	<i>1.13</i>	<i>1.90</i>	<i>1.87</i>	<i>5.26</i>	<i>1.72</i>	<i>.80</i>	<i>2.21</i>	<i>2.390</i>	
June	<i>2.44</i>	<i>2.09</i>	<i>7.82</i>	<i>4.81</i>	<i>.69</i>	<i>3.55</i>	<i>1.98</i>	<i>.68</i>	<i>2.85</i>	<i>1.31</i>	<i>2.822</i>	
July	<i>6.33</i>	<i>3.80</i>	<i>6.58</i>	<i>2.45</i>	<i>4.71</i>	<i>1.53</i>	<i>6.46</i>	<i>1.37</i>	<i>6.01</i>	<i>4.21</i>	<i>4.345</i>	
August	<i>2.17</i>	<i>5.18</i>	<i>3.71</i>	<i>3.60</i>	<i>1.28</i>	<i>1.44</i>	<i>2.21</i>	<i>1.48</i>	<i>3.94</i>	<i>6.52</i>	<i>3.173</i>	
September....	<i>5.26</i>	<i>2.76</i>	<i>2.36</i>	<i>5.32</i>	<i>3.29</i>	<i>5.84</i>	<i>4.43</i>	<i>4.41</i>	<i>1.75</i>	<i>3.15</i>	<i>3.857</i>	
October	<i>3.08</i>	<i>3.44</i>	<i>3.48</i>	<i>5.41</i>	<i>2.33</i>	<i>5.65</i>	<i>5.28</i>	<i>2.10</i>	<i>1.75</i>	<i>3.46</i>	<i>3.598</i>	
November....	<i>4.26</i>	<i>4.60</i>	<i>6.11</i>	<i>3.59</i>	<i>1.52</i>	<i>2.76</i>	<i>2.50</i>	<i>1.53</i>	<i>5.22</i>	<i>1.82</i>	<i>3.391</i>	
December	<i>6.20</i>	<i>4.35</i>	<i>3.63</i>	<i>3.47</i>	<i>5.19</i>	<i>2.64</i>	<i>4.03</i>	<i>2.86</i>	<i>2.72</i>	<i>3.03</i>	<i>3.812</i>	
TOTALS	<i>39.92</i>	<i>42.46</i>	<i>49.83</i>	<i>39.84</i>	<i>32.43</i>	<i>34.14</i>	<i>43.84</i>	<i>21.26</i>	<i>33.15</i>	<i>35.08</i>	<i>37.192</i>	

RAINFALL AT Oldham Gas Works

Lat. _____

Lon. _____

County of Lancashire

Rain Gauge, by _____

Observer G. H. Hill Esq C.E.

Messrs. Irwell & Co

Diameter	5										
Height	4 0										
Altitude	600 T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	4.32	2.96	3.36	1.52	3.41	3.37	1.70	1.60	2.83	5.22	3.029
February57	.49	2.67	4.87	5.53	.42	2.09	2.99	2.99	1.34	2.896
March	3.64	1.85	.93	1.03	3.49	2.69	4.84	4.22	2.84	2.16	2.769
April	1.07	1.92	1.31	.67	2.13	1.83	1.84	3.71	2.01	2.48	1.897
May	2.88	2.88	4.22	3.58	2.76	1.48	.63	4.01	3.29	2.33	2.806
June	3.45	1.97	3.83	2.07	3.40	3.33	3.22	4.77	3.92	1.95	3.191
July	2.95	4.69	2.88	3.73	3.10	7.97	3.81	1.84	.59	2.05	3.361
August	4.76	7.84	4.84	2.68	4.06	3.86	3.18	4.89	5.83	2.16	4.410
September....	1.73	3.69	4.37	4.22	.38	1.60	7.16	5.23	.77	6.73	3.588
October	3.14	5.90	5.59	3.29	5.02	3.90	5.45	2.02	3.99	3.42	4.172
November	5.62	3.57	3.31	3.37	2.41	2.61	1.43	5.65	2.48	1.15	3.160
December35	6.65	2.78	4.19	3.73	4.83	4.57	5.00	4.74	3.04	3.988
TOTALS	34.48	44.41	40.09	35.22	39.42	37.89	39.92	45.93	36.28	34.03	38.767

1880

RAINFALL AT *Oldham Gas Works 1842.*

Lat.

Lon.

County of *Lancashire*

Rain Gauge, by

Observer *G. H. Hill Esq. C.E.*

Inwell 3

Diameter ..	5										
Height	4.0										
Altitude ..	600 T								X		
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	5.36	2.11	2.85	3.17	3.70	2.27	4.38	1.70	3.51	2.15	3.120
February ..	2.98	1.99	1.64	3.57	3.94	2.31	3.64	2.01	3.24	1.78	2.710
March	0.49	2.81	2.22	4.92	2.34	4.04	3.41	3.35	3.07	3.07	2.972
April	3.27	2.42	2.08	2.22	2.73	3.05	1.92	2.20	2.15	3.45	2.549
May	1.87	1.32	2.96	3.34	2.82	0.62	3.41	3.95	2.25	1.67	2.421
June	6.86	1.98	1.45	1.83	0.87	3.58	1.48	7.42	2.13	2.24	2.984
July	3.02	3.57	2.58	5.46	1.26	2.47	2.16	3.46	5.58	5.73	3.529
August	6.10	1.94	3.56	5.16	5.10	4.42	4.22	4.47	3.81	3.69	4.247
September ..	1.79	0.96	1.67	5.38	1.74	2.82	1.69	1.09	3.91	2.18	2.323
October	6.08	3.49	5.02	8.56	1.59	3.61	6.06	5.50	1.20	5.67	4.678
November ..	2.88	5.84	1.93	3.82	2.94	3.69	3.77	3.25	2.45	1.69	3.226
December ..	4.82	6.17	2.89	1.72	2.88	0.79	3.93	3.93	2.73	6.69	3.655
TOTALS ..	45.52	34.60	30.85	49.15	31.91	33.67	40.07	42.33	36.03	40.01	38.414

H. H. H.

RAINFALL at Oldham Gas WorksCounty of LancashireObserver G. & J. L. & Sons, C.E.River Basin Mersey, Inwell - 3E. Parry (1917)Oldham Exp.

Rain Gauge, by _____

Diameter ...	5										
Height	4 0								3 8		
Altitude ...	600								620.74		
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	5.06			4.06				2.73		5.55	
February ...	4.03			1.49				1.05		1.01	
March	0.77			4.15				1.89		5.67	
April	2.77			4.44				1.70		2.15	
May	3.09			2.86				2.41		1.94	
June	3.48			2.57				2.62		2.43	
July	5.30			1.25				1.70		2.42	
August	5.38			2.82				8.17		3.86	
September ..	0.27			2.04				2.36		1.92	
October ...	3.25			2.06				7.14		3.23	
November ..	4.51			5.41				4.54		4.14	
December ...	3.53			2.71				2.51		7.32	
TOTALS ...	41.74			35.92	N.R.			38.82	NR	41.64	

1910 read. late.

entd. 28. I. 12

1919. Greenhouse 9 ft high - 22 ft - S.W.
 House 80 " - 90 " - N.W.W.
 Coker shed 65 " - 40 " - N.W.E

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1919	53° 32' 15"	2° 6' 25"	Elegg St.	180 ft	S.	St. Mary's	1150 ft	N.W.W.

RAINFALL at Oldham Gas WorksCounty of LancashireObserver E. Parry Esq. C.E.River Basin Mersey-TrentOldham Cogen Gas & Water Co.(1925) Snodden Rain Gauge, by _____

Diameter ...	5										
Height	3.8										
Altitude ...	621						600				
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEANS
January ...	4.92	6.60	4.62	3.98	5.37	3.34	6.86	4.00	7.46	1.77	5.24
February ...	4.57	0.37	5.79	5.37	1.03	6.87	5.13	1.27	5.58	0.59	.58
March	3.80	2.84	2.51	2.22	1.92	2.23	1.66	4.37	2.24	1.29	3.24
April	4.19	1.43	2.03	3.42	2.05	2.21	1.95	2.80	0.76	1.29	3.40
May	5.37	2.41	1.85	3.30	7.34	3.99	4.80	1.60	1.16	3.12	3.31
June	2.68	0.42	3.14	1.02	3.56	0.06	4.09	4.68	6.39	1.55	2.73
July	7.99	1.76	4.94	6.22	3.61	2.25	2.98	4.68	1.88	2.64	7.58
August	2.67	5.46	5.23	4.36	6.18	3.75	6.09	5.53	5.54	5.12	6.64
September...	2.67	0.89	4.00	3.98	3.91	4.30	3.59	6.15	0.91	2.17	4.15
October	1.10	2.82	0.93	4.94	5.29	6.04	3.38	3.87	3.90	5.67	5.81
November...	1.47	2.34	4.48	9.39	2.41	4.15	5.20	4.15	6.17	7.72	5.46
December...	3.02	7.83	5.16	7.65	6.71	4.36	1.45	1.54	2.53	6.51	2.93
TOTALS...	44.45	35.17	44.98	56.44	49.38	43.55	47.18	44.64	46.52	39.77	50.07
	D	D	D	D	D	D	D	D	D	D	D

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	55° 32' 15"	2° 6' 25"	Central	50 yds	S.			
1921			Oldham			Oldham St Mary's	200 yds	N.

RAINFALL at Oldham Gas WorksCounty of South LancashireObserver Ernest Parry, Esq. C.E.River Basin Mersey Inflow - 3Type of Gauge SnowdonAnnual Average 39.2 in. based on 43 years obs. unweighted. Period of average 1881-1925 Ref. S

Diameter	5.											
Height	5.0	5.	9.					0	8	5.9		
Altitude	602.							600	601	602		
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
											Totals	
January	5.66	5.56	2.58	3.81	2.13	3.91	3.34	4.42	7.04	2.34	40.79	
February	6.03	0.46	3.44	0.41	5.25	2.55	6.01	1.92	5.10	2.15	33.32	
March	0.37	2.63	3.64	3.06	2.01	2.81	2.08	1.13	2.33	3.20	23.46	
April	3.73	4.28	2.09	2.57	3.34	0.97	2.69	0.50	2.98	2.56	25.71	
May	2.87	5.43	2.20	3.05	0.85	1.22	2.62	5.09	1.91	1.23	26.47	
June	6.79	0.98	3.47	2.36	4.21	3.54	1.43	4.64	3.19	1.14	31.75	
July	4.97	4.54	3.86	3.56	2.01	4.57	2.47	4.53	5.46	6.27	43.74	
August	7.43	1.49	1.54	4.48	1.87	3.04	2.14	3.38	1.95	2.31	29.63	
September	4.51	4.93	2.05	3.47	7.25	5.27	1.62	1.44	1.24	4.66	36.44	
October	2.61	8.48	5.26	5.35	9.21	4.79	1.87	4.59	2.34	3.82	53.32	
November	6.94	3.34	2.32	2.08	4.82	5.49	2.11	4.58	7.14	7.21	46.03	
December	1.96	1.99	0.73	5.94	3.39	3.78	2.70	5.18	4.50	5.00	35.17	
TOTALS	53.87	44.11	33.18	40.44	46.34	41.94	31.08	46.40	46.88	41.89	425.83	
	D	D	D	D	D	D	D	D	D	D	D	

1940 Jan-Mar cont.

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			Centra, M.S.R.	100 yds	W.	Oldham	200 yds	N.
1938			"	50 yds	S	"	"	"

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

Station No. M. 2842RAINFALL at Oldham gas works

41

County of South LancashireObserver Enoch Parry Esq. C.E.River Basin Messy - Inxill - 3C. Busfield Esq.

(1944)

Type of Gauge SnowdonAnnual Average 39.0 in. based on 43 years obs. un-weighted. Period of average 1881-1915 Ref. SFile No. 24789/33 660607/6

Diameter	5"			563	101						
Height	5'9"				1						
Altitude	602				41				X		
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means 1881-1915
January	1.14	3.92	5.25	5.38	3.51	5.20	3.50	10.20	2.21	2.90	43.84
February	4.47	2.00	2.97	2.38	4.95	6.70	.64	2.72	2.10	4.94	33.89
March	3.98	2.83	1.64	.80	1.63	1.47	6.06	1.36	1.44	2.62	24.16
April	1.90	2.01	2.62	3.34	2.80	1.71	3.18	1.67	3.51	3.71	26.45
May	2.04	5.16	2.47	4.28	3.86	1.19	2.84	1.28	4.00	1.80	28.92
June	1.09	1.91	3.86	3.46	6.24	3.92	2.67	4.98	.99	3.23	32.35
July	2.56	4.94	2.82	4.26	2.25	5.84	3.64	2.74	2.14	3.76	34.95
August	7.20	4.32	6.24	4.77	3.34	5.50	.61	4.73	2.57	5.99	45.27
September	.70	2.57	5.09	5.93	2.69	7.05	2.98	2.57	1.24	7.07	37.89
October	5.83	6.80	3.09	4.20	6.74	.76	.86	2.79	3.99	2.99	38.05
November	2.98	.34	3.54	7.73	.68	6.25	6.70	2.40	6.85	7.60	45.67
December	2.52	4.14	2.43	3.71	2.86	4.11	4.02	3.73	4.31	3.92	38.75
TOTALS	36.44 D	41.54 D	42.02 D	50.84 D	41.55 D	49.70 D	37.70 D	41.17 D	38.68 D	50.55 D	430.19 D

1946.7. missing

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

