

RAINFALL AT Pickup Reservoir
 Blackburn Reservoir

(Pickup Ranch)

J. J. Bateman Esq. J.M.S.

Rain

Gauge

{ Diameter.....in.

Height above Ground, ft. in.

Above Mean Sea Level, 720 ft.

YEAR	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January						2.70	6.30	3.20	2.60	4.00	
February						3.10	5.20	4.30	2.80	7.10	
March						1.80	2.70	1.00	5.30	1.20	
April						1.40	1.00	4.90	2.20	2.60	
May						4.10	1.90	1.90	1.40	3.00	
June60	3.60	1.30	.90	2.00	
July						2.20	4.10	3.60	.70	1.00	
August						7.00	5.10	1.80	5.30	3.20	
September50	9.30	4.10	2.70	8.50	
October						6.00	2.80	5.70	7.20	3.40	
November ...						4.20	6.80	1.20	4.40	5.30	
December.....						2.00	5.30	5.20	11.60	5.10	
TOTALS.....	55.00	48.70	53.80	48.00	34.10	35.60	54.10	39.00	47.10	46.60	46.200

C C C C C C C C C C C

RAINFALL AT Blackburn Pickup Reservoir
3½ miles SE of Blackburn

Lat..... Long..... County of... Lancashire.....
 Rain Gauge, by..... Observer J. A. Bateman Esq. 8/1/1

Diameter.....										
Height										1.
Altitude	720									
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	MEANS.
January.....	4.20	7.20	7.40	6.00	4.70	5.40	2.30	7.50	4.00	
February.....	1.80	3.70	3.90	90	2.80	80	6.20	6.40	1.80	
March.....	3.60	2.30	5.90	3.90	5.60	80	4.10	3.90	2.40	
April.....	1.80	3.00	3.80	40	2.40	1.40	2.80	3.20	1.90	
May.....	7.70	1.70	3.10	3.80	1.20	2.10	70	3.60	5.20	
June.....	2.40	3.00	5.80	2.20	90	4.10	5.10	3.60	3.40	
July.....	2.30	6.10	4.40	5.40	3.30	5.90	3.40	7.20	.80	
August.....	1.90	1.30	5.00	5.60	6.60	2.70	6.20	6.90	5.90	
September.....	3.80	3.70	6.10	2.90	4.80	4.70	4.60	5.60	7.70	
October.....	+1.40	7.20	6.30	6.60	6.70	5.40	3.10	7.90	5.60	
November.....	4.10	2.00	5.50	3.20	4.40	3.90	3.50	8.20	3.30	
December.....	3.00	2.90	4.60	1.50	3.50	2.10	5.60	6.50	2.50	
TOTALS.....	42.00	381.0	61.80	42.40	46.90	39.30	47.60	70.50	44.50	47.110 3800 44.50

C C C

1879 Gauge leaky — estimated from Guide
 Reservoir & surrounding stations.

RAINFALL AT ~~Over Darwen, Pickup Barn~~

Lat.

Lon.

County of Lancashire

Rain Gauge, by -

Observer M.C. Bryn, Esq., F.R.S.

J.B. M. Callum Esq., C.E.

Ribble & Co.

Diameter	8										
Height	1.0										
Altitude	920 ft										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January45	.95	4.16	7.15	5.46	2.86	6.51	2.90	2.18	2.49	3.511
February	3.80	6.36	3.17	4.44	3.81	5.21	98	1.68	1.63	2.64	3.372
March	2.90	5.24	4.10	1.76	4.18	4.00	3.57	2.34	3.21	3.78	3.508
April	1.80	1.74	6.45	2.28	1.45	2.38	2.77	2.47	2.41	2.75	2.650
May	2.68	4.53	2.69	1.12	1.95	2.22	4.69	2.44	1.48	3.72	2.742
June	4.33	3.25	6.78	4.44	1.13	3.37	2.16	1.12	2.21	1.08	2.987
July	5.47	5.81	7.68	4.32	4.72	2.16	4.91	2.08	7.29	3.81	4.824
August	2.67	7.24	5.09	3.06	2.11	2.38	2.57	2.62	5.12	6.70	3.956
September	5.04	2.83	2.51	7.05	3.48	6.57	4.63	6.03	1.42	4.51	4.401
October	3.18	3.02	4.46	5.35	3.03	6.93	6.66	2.52	2.96	4.29	4.240
November	5.79	7.22	7.43	4.90	1.97	4.12	4.49	2.54	6.45	2.60	4.751
December	6.86	6.86	4.49	4.19	6.60	2.59	7.00	3.39	3.90	4.26	5.014
TOTALS	44.99	55.05	59.01	50.06	39.89	44.72	50.84	32.13	40.26	42.63	45.956

RAINFALL AT Over Darwen Pickup Bank

Lat.

Lon.

County of Lancashire

Rain Gauge, by

Observer J B McCallum Esq C.E.

Ribble, &c No I

Saturn Eg Ch. W. H. 1880

Diameter	8										
Height	10										
Altitude	720 ft										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	M.EANS.
January	7.04	3.22	3.89	1.79	4.86	4.26	2.10	2.12	4.01	7.66	4.095
February80	2.20	3.43	6.65	5.93	.41	2.73	4.45	3.27	1.88	2.975
March	3.87	1.69	1.14	1.25	3.91	4.93	6.63	6.04	2.84	2.75	3.505
April	1.45	2.45	1.79	.67	1.88	3.11	2.45	4.29	2.88	5.07	2.604
May	3.04	3.28	4.45	2.41	3.11	.89	.77	3.06	3.94	3.93	2.888
June	3.87	1.94	4.60	2.90	3.01	2.46	4.67	4.33	3.67	1.75	3.310
July	3.12	4.09	2.55	4.22	4.99	7.75	3.07	1.76	.95	1.95	3.445
August	6.37	11.01	6.28	3.53	6.33	4.89	3.41	6.97	5.84	2.11	5.674
September	3.53	4.74	5.12	6.08	.45	1.69	10.42	5.20	1.61	9.43	4.829
October	3.91	6.11	5.37	5.24	4.87	5.49	6.93	3.25	4.65	3.83	4.965
November	9.02	5.47	3.35	4.27	4.52	4.47	2.23	5.44	3.93	3.02	4.572
December34	9.12	3.09	4.78	4.56	5.33	8.95	7.58	5.54	3.29	5.208
TOTALS	46.36	53.32	45.06	43.79	48.42	45.68	54.36	54.49	43.13	46.67	48.128

1880 -

RAINFALL AT Over Darwen Pickup Bank

Lat. _____

Len. _____

County of Lancashire

Rain Gauge, by _____

Observer _____

G.W. Lund Eng Cl
W Stubbs Eng Cl

Ribble & L. No II

Diameter		8									
Height		1.	-								
Altitude		720									
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	2.54	2.44	3.60	3.98	2.31	2.13	4.12	7.52			
February	2.39	7.27	4.52	4.40	2.76	4.68	3.56	1.95			
March	1.06	1.15	3.57	4.99	6.80	6.32	2.84	2.72			
April	2.12	.61	1.55	3.03	2.42	4.81	3.06	4.98			
May	6.51	2.40	2.92	.78	7.74	2.89	3.82	3.92			
June	3.51	2.37	2.54	2.51	4.22	4.16	3.53	1.76			
July	1.68	2.69	4.61	7.30	2.87	2.01	.90	1.92			
August	5.06	2.74	5.39	4.46	3.33	6.76	5.80	1.71			
September	3.52	4.97	4.6	1.83	9.94	4.63	1.55	9.31			
October	3.54	4.45	4.52	5.40	6.94	3.48	4.57	3.85			
November	2.71	3.02	3.60	4.09	2.29	5.23	3.56	2.98			
December	3.21	3.79	4.67	4.95	8.83	7.74	5.52	3.25			
TOTALS	37.85	37.90	41.95	43.72	53.45	54.84	42.83	46.87			

1892 Record bad 1893 Ditto

RAINFALL AT Over Darwen Pickup Bank No. 1
 Lat. Lon. County of Lancashire South
 Rain Gauge, by W. Stubbs Esq. Ch.

Ribble

Diameter ..	8										
Height	10										
Altitude ..	720										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	M.R.A.N.S.
January ..	6.81	3.51	4.31	4.75	5.17	2.02	6.66	1.90	3.94	2.82	4189
February ..	4.02	2.27	1.65	4.49	4.96	2.85	4.40	2.29	4.16	2.61	3370
March48	3.81	3.43	6.34	3.17	3.93	3.81	4.06	3.83	3.28	3614
April	2.88	2.82	3.17	2.42	3.87	3.95	2.19	2.34	2.65	3.98	2977
May	2.71	1.10	3.16	3.70	2.96	.64	4.40	4.26	3.17	2.79	2889
June	3.34	2.15	1.58	1.53	1.59	3.85	1.21	8.46	2.09	3.35	2915
July	2.02	2.94	3.93	4.46	1.95	2.90	2.19	2.98	4.75	7.03	3515
August	6.16	2.49	2.75	5.48	4.85	5.35	4.11	5.08	4.31	4.11	4469
September ..	2.35	1.05	2.46	5.99	1.58	3.19	1.55	1.34	4.50	3.00	2701
October	6.46	3.85	4.67	10.35	3.10	4.42	7.66	4.49	2.85	7.53	5488
November ..	5.41	6.54	2.93	3.15	4.00	6.25	4.95	3.13	3.52	1.90	4178
December ..	6.34	4.77	4.84	4.13	3.89	1.11	4.76	5.30	3.22	7.07	4543
TOTALS ..	48.98	37.30	38.88	56.79	40.59	40.46	47.89	45.63	42.49	49.47	44.848

Hulley

RAINFALL AT Over Darwen Pickup Bank No 2
 Lat. Lon. County of Lancashire
 Rain Gauge, by Observer W Stubbs Esq CL
 Ribble 1.

Diameter ..	8										
Height	1.0										
Altitude ..	720										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January	6.18	(3.51)	4.57	4.77	5.23	2.07	6.66	1.89	4.04	2.85	4177
February	3.87	2.17	1.75	4.57	4.99	2.82	4.58	2.29	4.25	2.71	3403
March40	4.16	3.56	6.32	3.18	3.95	3.84	4.07	3.81	3.41	3670
April	2.79	3.21	3.29	2.43	3.43	4.01	2.26	2.35	2.63	4.06	3046
May	2.69	1.27	3.31	3.74	3.01	.66	4.42	4.38	3.21	2.87	2956
June	3.29	2.57	1.71	1.54	1.58	3.87	1.27	8.51	2.21	3.44	2999
July	1.83	2.98	4.11	4.51	1.96	2.89	2.23	2.92	4.83	7.09	3535
August	6.05	2.79	2.83	5.51	4.90	5.35	4.15	5.08	4.50	4.12	4528
September	2.18	1.22	2.52	5.98	1.61	3.24	1.64	1.32	4.70	2.99	2740
October	6.20	4.06	4.84	10.40	3.17	4.34	7.83	4.51	2.40	7.67	5542
November	5.39	7.30	3.13	3.18	4.09	6.26	5.00	3.11	3.74	1.93	4313
December	6.01	5.03	4.94	4.15	3.89	1.12	4.91	5.42	3.25	7.16	4587
TOTALS	46.88	40.27	40.56	57.10	41.04	40.57	48.79	45.85	43.60	50.30	45.406

1901 January Gauge under repair
 taken from No. 1 gauge

Huby

RAINFALL at Darwen Pickup Bank No 1

County of Central Lancashire

Observer W. Stubbs Esq C.E.

River Basin Ribble + C 1

J. T. Field Esq C.E.

A. Y. Grossman Esq C.E. 1918.

Rain Gauge, by _____

Diameter ...	8										
Height	1 0										1.6
Altitude ...	720										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	5.42	2.26	3.76	5.06	3.75	7.06	3.89	3.60	3.59	5.62	
February ...	4.91	5.53	2.29	2.12	3.81	7.51	4.43	1.17	5.92	1.12	
March	1.19	2.21	7.14	6.24	5.50	1.72	1.72	2.49	1.77	4.72	
April	4.48	3.33	1.03	6.68	1.80	2.40	3.88	2.59	1.16	2.92	
May	4.25	2.51	2.33	4.07	2.22	1.47	2.54	1.40	3.02	1.70	
June.....	3.58	4.60	6.44	3.29	2.26	1.73	3.24	3.84	1.89	1.40	
July	5.12	.46	5.24	1.71	5.04	4.12	3.29	2.22	3.51	2.13	
August.....	7.02	4.09	8.04	2.57	3.55	4.70	2.68	7.58	3.06	3.87	
September ..	.69	4.33	2.34	1.96	5.51	.85	3.12	2.54	11.04	2.57	
October ...	3.94	4.13	5.99	2.30	2.53	1.59	9.27	11.21	4.15	2.34	
November ..	6.42	4.94	4.13	7.10	6.99	2.07	8.54	6.05	2.87	3.07	
December...	5.55	9.11	5.20	3.94	7.36	7.93	3.13	2.99	8.29	6.94	
TOTALS ...	52.57	47.47	53.93	47.04	50.32	43.05	44.73	47.68	50.27	38.40	

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

RAINFALL at Darwen Pickup Bank N° 2

County of Central Lancashire

Observer W. Stubbs Esq C.R.

River Basin Ribble + C 1

J. T. Shire Esq C.R. 1915
A. J. Goosman Esq. C.R. 1918.

Rain Gauge, by

Diameter ...	8										
Height	1 0										
Altitude ...	720										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	5.57	2.29	3.78	4.90	3.78	6.58	3.92	3.64	3.81	5.96	
February ...	4.89	5.43	2.35	2.03	3.98	7.63	4.47	1.21	6.03	1.19	
March	1.20	2.28	7.17	6.04	5.55	1.69	1.74	2.25	1.84	4.89	
April	4.65	3.23	.95	6.44	1.76	2.45	3.90	2.72	1.19	2.94	
May	4.27	2.44	2.43	4.16	2.50	1.49	2.61	1.49	3.11	1.73	
June	3.69	4.52	6.54	3.25	2.19	1.94	3.28	3.61	2.13	1.44	
July	5.13	.48	5.19	1.73	5.30	4.23	3.34	2.34	3.67	2.27	
August	6.96	4.10	7.84	2.51	3.54	4.56	2.74	7.47	3.25	4.04	
September ..	.72	4.29	2.35	2.01	5.30	.88	3.15	2.61	11.29	2.66	
October ...	3.93	4.11	5.89	2.36	2.68	1.59	9.43	10.79	4.21	2.38	
November ..	6.56	4.94	3.97	7.26	6.85	2.19	3.55	6.00	3.00	3.18	
December ...	5.62	9.18	5.14	3.07	7.38	7.95	3.29	3.08	8.38	7.30	
TOTALS ...	53.13	47.39	53.61	45.76	50.81	43.18	45.42	47.21	51.91	39.98	

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

RAINFALL at Darwen Pickup Bank No. 1

County of C. Lancashire

Observer A. T. Goosman Esq. G.B.

River Basin Ribble &c 1

H. M. Webb, Esq. B.E. (126)

Rain Gauge, by

Bar Esq. -Blackburn

Diameter ...	9										
Height	1.6										
Altitude ...	720										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January ...	4.22	6.18	3.61	5.03	3.48	3.43	5.36	4.81	12.15	1.74	6.84
February ...	3.05	3.31	4.48	6.54	1.00	7.06	4.45	2.39	4.90	1.00	.36
March	4.51	3.09	3.29	1.87	1.66	2.08	2.24	4.79	3.60	1.61	2.82
April	5.34	1.96	3.06	3.64	1.96	3.12	2.39	3.42	1.20	1.04	2.88
May	5.27	2.82	1.85	4.08	6.03	4.29	3.39	1.53	1.61	3.21	1.88
June	3.07	4.43	3.00	1.42	3.02	.16	3.17	4.46	6.92	1.84	2.54
July	6.00	1.77	4.88	4.99	5.27	2.13	2.54	4.44	2.33	3.64	6.59
August	2.44	6.44	6.25	6.50	7.15	3.58	4.03	6.34	4.12	5.14	8.46
September...	2.70	2.00	4.33	5.83	5.50	4.18	4.33	7.89	1.12	1.84	2.88
October	1.28	2.75	1.02	6.69	5.00	5.86	3.87	4.44	5.87	7.87	6.10
November...	1.96	2.59	3.58	7.16	2.65	3.29	7.86	4.82	7.19	9.45	6.75
December...	2.64	6.25	5.95	5.40	6.82	2.91	1.81	1.09	3.04	9.19	4.47
TOTALS...	42.48	36.59	45.30	59.15	49.54	42.29	45.44	50.42	57.05	47.13	52.57

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
1930			Darwen	1 $\frac{3}{4}$ mi	WSW	Hoddlesden	1150 yds NE

RAINFALL at Darwen Pickup Bank N° 2

County of Lancashire

Observer A. J. Goosman Esq. G.E.

River Basin Rubble &c 1

Rain Gauge, by

Diameter ...	8										
Height	1 0										
Altitude ...	720										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	4.46	6.49	3.51								
February ...	2.92	3.2	4.46								
March	4.65	3.37	3.30								
April.....	5.59	2.08	3.05								
May	5.36	3.00	1.87								
June	3.21	1.45	2.97								
July	6.31	1.73	4.87								
August	2.43	6.46	6.13								
September...	2.77	1.97	4.28								
October.....	1.29	2.91	1.01								
November...	1.96	2.19	3.55								
December...	2.84	5.76	5.91								
TOTALS...	43.79	36.73	44.91	#							

RAINFALL at Darwen (Pickup Bank), No. 1.

County of Central Lancashire Observer H.M. Webb, Esq., C.E.

River Basin Ribble & c. - 1. W. Limestone Esq., C.E.

Type of Gauge M.O.

Annual Average 46.8 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. P.R.B. 350

660553/26.

Diameter	8.										
Height	1.6.										
Altitude	720.										
Year	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	Means
January	5.68	5.76	3.84	3.89	2.63		4.27				
February	6.25	1.8	2.88	4.0	5.76		5.26				
March	1.48	3.15	3.00	2.30	1.16		1.59				
April	3.27	3.51	1.90	2.60	3.51		4.06				
May	2.86	4.56	1.78	4.17	1.14		1.84				
June	4.97	1.07	2.02	2.58	3.56		2.45				
July	4.81	4.22	3.26	2.02	1.83		1.87				
August	6.28	1.25	3.36	4.31	1.82		2.63				
September	4.03	6.55	1.25	3.92	7.44		1.61				
October	3.00	7.57	4.66	6.57	8.92		2.09				
November	8.97	3.38	2.40	2.26	5.18		1.89				
December	2.88	2.64	.79	6.26	3.72		2.15	#			
TOTALS	51.48	43.84	31.11	41.27	46.67	N.R.	31.71				
	D.	D.	D.	? D.	D.	n.p.d.					

1/1/85. New g with turf wall erected by yards E of 2946.

1937 n.p. low.

Gauge to be abandoned 12/38

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
1981			Darwen	1 3/4 m.	WSW	Hoddlestone	1150yds	S.W.