

RAINFALL AT *Pickup Reservoir*
Blackburn Reservoir

60

(Pickup's Bank)

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

Rain
Gauge

Diameter.....in.

Height above Ground, ft. in.

Above Mean Sea Level, *7.22* 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	
June .....						.60	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	
September ...						.50	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	5.50	
December						2.00	5.30	5.20	11.60	5.10	
TOTALS.....	55.00	48.70	53.80	48.20	34.10	35.60	54.10	39.00	47.10	46.60	46.200

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RAINFALL AT *Blackburn Pickup Reservoir*

3 1/2 miles SE of Blackburn

Lat.

Lon.

County of ...

Lancashire

Rain Gauge, by ...

Observer

J. A. Bateman Esq. S.H.S.

Diameter												
Height									1.			
Altitude	720	.							.			
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	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.....	11.40	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	38.10	61.80	42.40	46.90	39.50	47.60	70.50	44.50	38.00	47.110	

C C C

1879 Gauge leaky — estimated from Guide
Reservoir surrounding stations

RAINFALL AT *Grox Darwen, Pickup Bank*

80

Lat. _____

Lon. _____

County of _____

Lancashire

Rain Gauge, by: _____

Observer. *M. C. Bryan, Esq. C.E.*

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

Ribble & Co.

Diameter	8										
Height	1.0										
Altitude	720 ft										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	4.45	4.95	4.16	7.15	6.46	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	4.98	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	2.15	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	6.51	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 & Co. No I

Sw. Land Esq. C.E. W. H. H. Esq. C.E.

Diameter	8											
Height	10											
Altitude	720 ft											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	7.04	3.22	3.89	1.79	4.86	4.26	2.10	2.12	4.01	7.66	4.095	
February ....	.80	.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	3.320	
July	3.12	4.09	2.56	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	4.827	
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	
December ....	.34	9.12	3.09	4.78	4.56	5.33	8.95	7.58	5.54	3.29	5.258	
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. _____

Lon. _____

 County of Lancashire

Rain Gauge, by _____

Observer _____

G. W. Lund Esq. Ch.
W. Hulbert Esq. Ch.
Ribble + 61 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	.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	.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	2.95	
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 207*
Central
 Lat. Lon. County of *Lancashire South*
 Rain Gauge, by Observer *W. Stubbins Esq. C.E.*

Rubble 1

Diameter ..	8										
Height	10										
Altitude ..	720										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	6.81	3.51	4.31	4.75	5.17	2.02	6.66	1.90	3.94	2.82	4.189
February ..	4.02	2.27	1.65	4.49	4.96	2.85	4.40	2.29	4.16	2.61	3.370
March	4.8	3.81	3.43	6.34	3.17	3.93	3.81	4.06	3.83	3.28	3.614
April	2.88	2.82	3.17	2.42	3.37	3.95	2.19	2.34	2.65	3.98	2.977
May	2.71	1.10	3.16	3.70	2.96	.64	4.40	4.26	3.17	2.79	2.889
June	3.34	2.15	1.58	1.53	1.59	3.85	1.21	8.46	2.09	3.35	2.915
July	2.02	2.94	3.93	4.46	1.95	2.90	2.19	2.98	4.75	7.03	3.515
August	6.16	2.49	2.75	5.48	4.85	5.35	4.11	5.08	4.31	4.11	4.469
September ..	2.35	1.05	2.46	5.99	1.58	3.19	1.55	1.34	4.50	3.00	2.701
October	6.46	3.85	4.67	10.35	3.10	4.42	7.66	4.49	2.25	7.63	5.488
November ..	5.41	6.54	2.93	3.15	4.00	6.25	4.95	3.13	3.52	1.90	4.178
December ..	6.34	4.77	4.84	4.13	3.89	1.11	4.76	5.30	3.22	7.07	4.543
TOTALS ..	48.98	37.30	38.88	56.79	40.59	40.46	47.89	45.63	42.49	49.47	44.848

Hills

RAINFALL AT Over Darwen Pickup Bank No. 2
 Lat. _____ Lon. _____ County of Lancashire
 Rain Gauge, by _____ Observer W Stubb 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
March ....	.40	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	5.95	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 Gal. gauge

W. Stubb

RAINFALL at Darwen Pickup Bank No 1County of Central LancashireObserver W. Stubbs Esq C.E.River Basin Ribble & C 1J. T. Shield Esq C.E.
A. T. Groseman Esq L.B. 1918.

Rain Gauge, by

Diameter ...	8										
Height	10							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	3.89	5.62	
February ...	4.91	5.50	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	7.83	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 No 2County of Central LancashireObserver W. Stubbins Esq C.E.River Basin Ribble + C 1J. J. Thield Esq C.E. 1915
A. V. Pooreman Esq C.E. 1918.

Rain Gauge, by _____

Diameter ...	8										
Height	10										
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	7.18	6.04	5.55	1.69	1.74	2.25	1.84	4.89	
April	4.65	3.33	.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. 1County of C. LancashireObserver A. J. Gooseman Esq. C.E.River Basin Pibble &c 1H. M. Webb, Esq. C.E. (126)

Rain Gauge, by

Don Eng. Blackburn

Diameter ...	3											
Height	1.6											
Altitude ...	720											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 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	3.1	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	1.64	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	1.95	4.08	6.03	4.49	3.39	1.53	1.61	3.21	1.88	
June	3.07	.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	7.12	5.17	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	7.37	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	Direction
1930			Darwen	1 3/4 mi	WSW	Hoddlesden	1150 yds	NE

RAINFALL at Darwen Pickup Bank N^o 2County of LancashireObserver A. J. Gooseman Esq. C.E.River Basin Pibble & 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	3.32	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	4.5	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	#								

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	Direction

RAINFALL at Darwen (Pickup Bank), No. 1.County of Central LancashireObserver H. M. Webb Esq. C.E.River Basin Ribble & C - 1W. Pulestone Esq. C.E.Type of Gauge M.O.Annual Average 45.8 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. POB 355

660553/26.

Diameter	8.										
Height	1.6.										
Altitude	720.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	5.68	5.76	3.84	3.89	2.63		4.27				
February	6.25	7.18	2.88	4.0	5.76		5.26				
March	4.48	3.15	3.00	2.30	1.16		1.59				
April	8.27	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	2.25	5.18		1.89				
December	2.38	2.64	7.9	6.26	3.72		2.15		#		
TOTALS	51.48	43.84	31.14	41.27	46.67	N.R.	31.71				
	D.	D.	D.	? D.	D.		27.0				

1/1/35. New g with this were erected 60 yards E of 2946.

1937 not low.

Gauge to be abandoned 12/38

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			Darwen	1 3/4 m.	WSW	Hoddlesden	1150 yds	S.W. NE