

RAINFALL at Heysham HarbourCounty of North LancashireObserver Midland Railway Co. Baldwin BankRiver Basin Kent + C 3Sunderland Rain Gauge, by _____

Diameter ...		5									
Height		1.6									
Altitude ...		28 ft									
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS. 1916-19
January ...		1.02	2.81	3.54	2.91	4.67	2.64	1.91	4.03	4.30	12.88
February ...		3.82	2.04	1.76	3.64	4.17	3.09	1.17	(4.08)	1.61	9.95
March		1.13	5.47	3.46	4.27	1.74	1.28	1.74	(1.77)	4.89	9.68
April		2.59	.50	4.29	.64	2.31	2.32	1.33	(1.05)	1.83	6.53
May		1.39	1.58	2.31	2.10	1.00	3.15	2.42	(2.85)	1.52	9.94
June		2.52	5.26	2.09	1.28	.90	2.13	2.24	2.02	1.58	7.97
July69	5.08	1.17	4.52	3.38	1.97	1.23	4.67	.81	8.68
August		4.18	4.69	1.39	2.68	2.96	4.69	8.52	3.89	3.96	21.06
September ..		4.01	1.90	3.03	2.51	.81	2.50	3.34	9.48	2.31	17.63
October ...		4.06	4.72	3.42	1.91	1.20	5.45	5.93	3.89	2.95	18.22
November ..		4.22	4.48	3.96	4.72	1.79	3.01	4.05	2.40	2.25	11.71
December ...		6.35	3.62	2.74	5.72	6.76	2.50	1.94	7.62	5.67	17.73
TOTALS ...		35.98	42.15	33.16	36.90	31.71	34.73	35.82	(47.70)	33.68	151.98

Read 9.30 am

1918 July - May, corrected for leakage.

1912 office 15 ft high 38 ft x
 1917 from 12 ft of wood 44 ft NE

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1918	54.2 N	2.55 W	Heysham Harbour	820 yds	SW	Heysham	1500 yds	NNE

RAINFALL at Heysham HarbourCounty of N. LancashireObserver Midland Railway Co.River Basin Hent & C 3

Baldwin Bent.

~~James~~ Innoscentine Rain Gauge, byN. P. Miles, Esq. ('26)

for L.M.S. Ry. (Derby) F.G.T. Adams ('30)

Diameter ...	5						5					
Height	1 6						2' 1" 1' 6"					
Altitude ...	27						25					
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEAN 1920	
January ...	3.50	6.41	3.33	3.97	3.66	2.57	4.20	3.45	8.75	1.71	5.30	4685
February ...	2.30	.22	3.86	4.91	.53	4.93	4.47	2.69	4.60	.77	.28	2956
March	4.72	3.45	2.30	1.11	1.78	1.36	1.22	2.73	2.73	.54	2.85	2479
April	3.60	1.38	1.74	2.79	1.74	2.31	1.30	1.44	1.30	1.19	2.10	2089
May	4.03	2.45	2.25	2.41	5.87	5.74	2.36	1.86	0.83	2.03	.97	3080
June	2.40	.36	2.86	.61	2.68	.46	2.85	3.43	6.40	1.43	1.14	2462
July	5.14	1.56	5.05	3.73	3.16	2.64	3.71	4.38	3.78	2.63	3.12	3880
August	1.81	6.99	4.66	5.42	4.00	3.58	3.42	6.13	4.61	5.06	5.57	5125
September...	3.16	1.99	4.09	3.52	5.23	4.25	4.20	6.34	2.12	2.23	1.85	3898
October	1.38	2.34	1.01	6.74	4.72	4.67	3.10	3.18	5.16	5.10	6.34	4374
November...	1.64	2.40	2.03	5.26	1.97	1.96	6.11	3.98	6.60	7.82	4.22	4399
December...	2.76	4.98	4.91	4.58	5.59	2.54	.92	1.02	3.37	6.82	3.88	4137
TOTALS...	36.44	34.53	38.09	45.05	40.93	37.01	37.86	40.63	50.25	37.23	37.62	43564
	2	2	2	2	2	2	2	2	2	2	2	

1920. Office 15 ft high 61 ft W.

Inspected by Capt. H. F. Jackson 10. IV. 26. Gauge about 60' N. of Engineer's office & general exposure satisfactory apart from fact that rim is 25" above ground level: suggested sinking to 1 ft. above ground level (photograph and sketch on file 693562/26).

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	Parish Church.	Distance from gauge	Direction
1920	54° 2'	2° 55'	Heysham Harbour	883 yds	SW	Heysham	1300	NNE.

RAINFALL at Heysham Harbour

County of North LancashireObserver L.M. & S. Rly. Co.River Basin Kent & C - 3Type of Gauge Snowdon. H.O. 1940.Annual Average 34.7 in. based on 17 years obs. un-weighted. Period of average 1881-1915 Ref. S
2864/127
1906/127

Diameter	5											
Height	1.6								1' 10"	1 0		
Altitude	25									36		
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	378	4.59	2.65	4.24	1.91	3.37	2.33	4.70	4.05	2.61	3423	
February	313	0.3	2.49	10	4.07	2.08	4.88	1.42	2.30	1.86	2236	
March	38	2.63	2.25	1.68	1.12	1.63	2.02	1.37	1.76	3.59	1843	
April	162	2.57	2.08	3.06	2.71	38	3.11	33	2.24	2.30	2640	
May	181	4.70	2.68	3.84	1.44	1.07	1.75	2.95	1.03	1.49	2276	
June	645	2.01	1.46	2.65	3.21	306	2.64	(4.10)	3.39	32	3929	
July	361	4.75	2.18	2.25	1.41	345	2.53	(4.20)	5.50	3.60	3348	
August	295	1.19	2.49	3.53	3.39	260	1.74	(2.70)	2.27	.87	2373	
September	297	4.38	.59	4.60	6.88	622	3.24	(1.30)	1.44	4.75	3639	
October	306	6.10	5.42	5.40	6.00	2.63	2.03	(3.60)	1.29	5.10	4573	
November	691	2.74	1.72	1.55	4.16	451	1.73	(5.50)	5.62	5.11	3955	
December	357	2.51	.67	4.52	2.86	503	2.45	(4.50)	2.44	4.72	3327	
TOTALS	4024	38.20	26.68	37.42	39.16	36.08	30.50	(41.67)	33.35	36.32	35962	
	a	a	a	d	a.	d	d	d	d	d	d	

Office 15' high 61' W.

1940 Gable of cattle lairage 25' 0" high 62' 0" NNE.
 Side wall of " 15' 0" " 24' 0" NNE.
 Stone shed 9' 0" " 24' 0" S.
 Timber fence post & rail 4' 9" " 9' 0" W.

cpl. for 1916-50
 Surveyed 1/30/74

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			Heysham Harbour	533 yds.	SW.	Heysham.	1300 yds.	NNE
1940			Heysham Harbour	1000 yds.	SSW	Heysham	11075 yds.	NNE

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

Station No. 3033

RAINFALL at Heysham Harbour

41

County of North Lancashire Observer L. J. S. Rygh

River Basin Kent & C - 3

British Railways (1948)

Type of Gauge M.O.

Annual Average 34.7 in. based on 12 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 756495/27

Diameter	5"			583	907						
Height	10"				1						
Altitude	36'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	.65	4.55	6.02	4.96	3.78	4.67	3.45	7.36	1.92	1.90	39.26
February	4.31	1.57	2.05	1.70	2.86	3.44	.80	2.26	1.66	4.32	24.97
March	2.89	2.32	.78	.76	2.07	.94	6.71	2.18	2.37	2.16	23.28
April	1.41	1.86	2.47	3.78	1.60	1.16	3.68	1.21	3.71	2.14	23.02
May	2.96	3.16	4.50	3.34	2.90	1.43	3.76	1.57	3.32	.87	27.83
June	.34	1.30	2.76	2.70	3.69	3.23	2.59	5.37	.64	2.01	24.63
July	1.14	3.80	4.98	3.00	2.67	3.65	3.42	1.72	3.61	3.31	31.30
August	3.61	4.98	6.34	3.61	.45	4.60	.59	3.58	2.85	5.86	36.97
September	.96	4.07	5.23	5.42	4.22	6.06	3.56	4.87	1.39	8.95	44.73
October	6.80	4.06	4.76	4.74	4.61	.56	.36	2.70	5.87	3.84	38.30
November	1.92	1.06	3.33	6.58	.13	5.86	4.94	3.76	4.16	4.54	36.28
December	1.56	4.76	2.20	3.00	2.58	3.35	1.75	2.86	5.22	2.65	29.95
TOTALS	28.59 D	37.49 d	45.42 d	43.59 d	32.16 d	38.95 d	35.61 d	39.44 d	36.72 d	42.55 d	380.52 d

1941 Gable of cattle lairage 25' high 62' N.N.E. Side wall of cattle lairage 15' high
 Stone shed 9' high 24' S. Timber fence post 9' high 4' 9' high 9' W. 26' N.N.E.

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.
1961			Heysham Har.	400y.	S.S.W.	Heysham	1m 1075y	N.N.E.

BRITISH RAINFALL ORGANIZATION

Station No. 3033

RAINFALL at Huysham Harbour

51

County of N. LancashireObserver British RailwaysRiver Basin Hunt & B-3Type of Gauge M.O.Annual Average 34.7 in. based on 19 years obs. un-weighted. Period of average 1881-1915 Ref. S
37.95 " " 35 " " 1916-1950 File No. 756495/27 P

Diameter ...	5'			583	907						
Height ...	1' 0"				1						
Altitude ...	36'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	4.46	4.06	1.89	3.64	2.09	3.52		3.03	1.99	5.16	
February ...	3.52	.86	1.19	3.23	2.48	.14		4.41	.66	1.94	
March ...	4.50	2.57	1.34	2.63	1.18	.95		1.48	2.12	1.18	
April ...	1.50	3.52	2.49	.94	2.61	.92		1.36	2.07	2.58	
May ...	1.52	2.55	2.09	2.62	3.09	1.99		4.22	.77	1.53	
June ...	1.07	3.49	1.97	4.04	3.07	1.73		3.28	6.38	1.05	
July ...	2.17	1.36	3.23	4.96	2.13	5.00		2.38	3.07	5.15	
August ...	4.41	4.41	3.57	4.13	1.71	9.86		3.19	.14	4.22	
September ...	3.97	3.75	4.11	7.26	3.07	2.42		2.96	.31	3.35	
October ...	1.34	4.05	1.76	8.45	2.20	3.63		4.99	3.77	3.07	
November ...	8.37	2.03	5.05	6.33	1.72	1.47		1.68	3.72	7.51	
December ...	9.50	4.14	2.18	4.38	3.69	4.23		3.04	7.45	2.79	
TOTALS ...	45.33	36.79	37.87	52.61	29.04	35.86		36.02	32.45	39.53	
	d	d	d	d	d	d		n	d	d	

1931 Gate of cattle lairage 25' high at 62' N.W. Side wall of cattle lairage 15' high at 26' N.W. Stone shed 9' high at 26' S. Timber fence post-rail 4' 9" high at W.
 1955 Feb. Mar. Apr. Monthly readings:
 1956 July-Aug. April d. Gate 16' at 21' E, Fence 7' at 18' S.W.
 1958 n.p. low
 1959: - print

Position of Station on Ordnance One-Inch map :

No. of Map.....

National-Grid Reference 934 601600

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Huysham Harb.	400 Y S.W.	Huysham	1 m. 1075' N.N.E.

Summary of Earlier Records from 10-year Sheets :

1916-1959, P - accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	C.1911 D.12-19	220-25 226-28-30	31-37, 39, 40	441 442-50	