

RAINFALL AT Southport Meteorological Observatory

Lat. Lon. County of C. Lancashire
 Rain Gauge, by Observer

Diameter.....											
Height.....											
Altitude.....											
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	(1.32)	4.61	3.82	2.66	4.63	1.20	6.17	3.03	1.55		
February.....	(2.82)	2.87	5.50	1.42	9.3	3.13	2.85	1.74	3.05		
March.....	(1.12)	3.43	3.22	2.09	8.5	2.04	2.40	1.30	1.59		
April.....	(2.56)	1.88	5.52	1.10	1.15	2.34	2.26	1.79	2.18		
May.....	(1.62)	2.39	1.79	1.69	1.93	.66	2.54	3.50	2.12		
June.....	(2.05)	4.40	1.65	1.37	2.98	2.88	1.34	5.07	3.69		
July.....	4.34	7.25	3.47	1.87	5.23	3.21	4.36	.54	3.86		
August.....	.99	2.82	2.71	3.99	3.78	4.78	6.09	5.47	6.44		
September.....	2.83	6.58	2.43	2.95	6.59	3.46	4.99	3.64	3.13		
October.....	6.25	5.24	4.46	5.61	6.96	3.13	4.57	3.86	1.65		
November.....	1.59	3.26	1.51	4.49	6.14	4.36	5.42	2.52	.95		
December.....	2.57	3.75	1.18	2.38	1.71	4.22	3.81	1.71	2.30		
TOTALS.....	(30.06)	48.48	27.26	31.62	41.88	35.41	46.80	34.17	32.51		

1871-90. Daily obs. 9am - 9am Copied from book supplied by Mr. Boxendell X 11-25

RAINFALL AT Southport

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

Rain Gauge, by..... Observer J. Bascom dell Esq.

1881-1915 AG 320

Diameter		5								
Height		2.8								
Altitude		23								
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879
										MEANS.
January.....	(1.52)	4.61	3.82	2.66	4.63	1.34	6.17	3.03	1.55	
February.....	(2.82)	2.87	3.50	1.42	93	3.08	2.85	1.74	3.05	
March.....	(1.12)	3.43	3.22	2.18	85	2.08	2.40	1.30	1.59	
April.....	(2.56)	1.88	1.52	1.10	1.15	2.34	2.26	1.79	1.96	
May.....	(1.62)	2.39	1.79	1.69	1.93	1.66	2.64	3.50	2.23	
June.....	(2.05)	4.40	1.65	1.37	2.98	2.83	1.34	5.07	3.23	
July.....	4.34	7.25	3.44	1.87	5.23	2.91	4.36	5.4	4.20	
August.....	.99	2.82	2.71	4.09	3.78	5.06	6.09	5.47	6.67	
September.....	2.83	6.58	2.43	2.95	6.59	3.48	4.99	3.64	3.03	
October.....	6.25	5.24	4.47	5.47	6.96	3.18	4.56	3.86	1.74	
November.....	1.59	3.26	1.51	4.49	5.13	3.83	5.42	2.52	.95	
December.....	2.57	3.75	1.18	2.38	1.71	4.57	3.81	1.71	2.13	
TOTALS.....	(30.06)	48.48	27.27	31.67	41.87	35.36	46.89	34.17	32.33	

1871 altered XI.25 from date last by observer. Figures in brackets apparently obtained at observatory.

RAINFALL AT Southport Meteorological Observatory

Lat.

Long.

County of C. Lancashire

Coast Streams 3 Rain Gauge, by

Observer

Diameter											
Height											
Altitude											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	4.1	6.3	2.04	4.53	4.63	2.52	4.40	2.63	1.65	.87	
February	2.05	4.56	1.65	2.12	3.41	3.87	1.08	1.42	.70	1.83	
March	2.72	3.36	2.58	1.28	2.75	2.24	2.92	1.94	2.58	1.80	
April	1.11	1.78	4.93	6.9	1.29	1.56	1.93	.90	1.20	3.10	
May	2.26	3.72	1.79	.90	1.65	1.31	4.73	2.13	.77	3.34	
June	2.86	3.07	4.24	3.05	.52	1.40	1.56	.98	1.83	.70	
July	2.74	3.82	5.34	2.45	7.31	1.70	6.20	1.69	5.62	2.39	
August	1.79	5.70	3.94	3.03	1.90	1.65	1.32	2.22	3.49	3.88	
September....	3.14	2.19	2.98	3.93	2.51	4.82	4.23	3.08	1.16	3.37	
October.....	2.97	3.51	3.54	4.62	2.31	5.31	5.38	2.25	2.58	2.68	
November....	3.36	4.22	4.90	4.11	1.75	3.00	2.78	1.63	5.06	1.82	
December....	5.92	4.06	2.47	1.79	4.23	1.70	4.97	2.88	2.07	3.66	
TOTALS	31.33	40.62	40.40	32.50	34.26	31.08	41.50	23.80	28.71	29.44	

Daily obs 9 am - 9 am + Copied from B.S. supplied
Int. Board of Std. Kil. 25.

RAINFALL AT Southport, Liverpool &c

Lat.

Lon.

County of Lancashire

Rain Gauge, by

Observer, P. Cudell, Esq. (1860-8)

Coast Streams 3

Jan. (1866-8)

Diameter	5										
Height	2.8										
Altitude	257										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January58	.66	2.06	4.61	4.58	2.63	4.51	2.68	1.65	.87	2.483
February	2.01	4.56	1.50	2.12	3.46	3.87	.91	1.42	.70	1.84	2.239
March	2.76	3.36	2.67	1.28	2.63	1.51	3.10	1.94	2.58	1.78	2.361
April	1.10	1.78	4.99	.69	1.40	2.29	1.93	.90	1.20	3.10	1.938
May	2.26	3.72	1.79	.90	1.65	1.31	4.50	2.13	.77	3.34	2.237
June	2.75	3.00	4.24	3.05	.50	1.39	1.78	.98	1.83	.71	2.023
July	2.85	3.88	5.13	2.46	7.34	1.70	6.11	1.69	5.62	2.40	3.917
August	1.79	5.70	4.06	3.01	1.71	1.65	1.36	2.22	3.49	3.91	2.890
September	3.14	2.19	3.07	3.95	2.57	4.78	4.16	3.08	1.16	3.37	3.147
October	2.97	3.45	3.52	4.62	2.43	5.34	5.39	2.25	2.58	2.69	3.524
November	3.36	3.77	4.92	4.10	1.75	3.01	2.84	1.63	5.06	1.82	3.226
December	5.89	4.55	2.39	1.79	4.11	1.59	5.01	2.88	2.07	3.67	3.395
TOTALS	31.46	40.62	40.34	52.57	34.13	31.07	41.60	23.80	28.71	29.50	33.380

RAINFALL AT Southport Hesketh Park
Lat.
Long.

County of

Lancashire
Net Off Patten

Rain Gauge, by

Observer

J. Baxendell Esq
Coast Streams 3

Diameter	5		8								
Height	2.8		1.0								
Altitude	23 ft		22 ft								38
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	4.14	1.38	2.55	1.17	2.78	2.68	.83	.97	2.62	3.73	2.285
February60	.06	1.74	3.59	3.62	.28	1.03	2.51	2.18	1.55	1.716
March	2.44	.88	1.00	.56	1.96	2.54	3.63	2.84	.91	1.28	1.804
April	1.09	1.88	1.28	.33	1.17	2.01	1.07	2.73	1.98	3.03	1.657
May	2.31	2.03	3.41	1.58	2.25	.57	.47	1.44	3.26	2.39	1.971
June	2.12	2.30	2.85	.87	2.85	1.20	1.98	3.28	1.85	1.56	2.086
July	3.13	2.26	2.01	3.72	2.67	3.27	3.98	1.27	.35	1.55	2.418
August	4.85	7.79	5.20	3.18	3.26	3.05	2.38	3.26	5.14	1.51	3.946
September....	4.03	4.01	3.96	4.78	.76	1.28	4.43	3.99	1.48	3.87	3.256
October.....	1.64	2.51	5.65	4.14	3.80	5.06	4.92	1.87	3.46	3.09	3.621
November....	6.94	3.76	2.61	1.28	3.30	2.46	1.59	4.74	3.02	2.08	3.173
December....	.55	5.12	2.50	3.52	2.93	2.57	4.37	2.98	2.48	2.71	2.946
TOTALS	33.84	33.97	34.76	28.67	31.35	26.97	30.68	31.88	28.73	28.35	30.879

1892 entered from Observ record xi.25 (file 475-195/24)

 1892 - Snowdon Gauge used for averages

RAINFALL AT Southport Nesteth Park
 Lat. _____ Long. _____ County of Lancashire C.

Snowdon Rain Gauge, by Sticks all broat streams. 3.											Observer <u>J. Bayfendell Esq</u>	
Diameter	5											
Height	1. 0											
Altitude	22 ft										38	
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	4.14	1.47	2.55	1.14	2.84	2.65	.83	.96	2.61	3.69		
February	60	.07	1.74	3.51	3.63	.28	1.05	2.59	2.15	1.59		
March	2.44	.89	1.00	.56	1.95	2.49	3.65	2.87	.94	1.26		
April	1.09	1.93	1.28	.33	1.13	2.01	1.07	2.76	1.95	3.03		
May	2.31	2.06	3.41	1.61	2.23	.59	.47	1.45	3.27	2.38		
June	2.12	2.36	2.85	.85	2.88	1.18	1.97	3.31	1.88	1.58		
July	3.13	2.29	1.99	3.71	2.68	3.22	3.97	1.30	.36	1.55		
August	4.85	8.03	5.09	3.05	3.22	3.09	2.39	3.26	5.18	1.49		
September	4.08	4.11	3.93	4.80	.76	1.28	4.45	3.98	1.51	3.89		
October	1.64	2.58	5.72	4.12	3.80	5.08	4.98	1.88	3.43	3.10		
November	6.94	3.87	2.56	1.25	3.26	2.49	1.59	4.75	3.02	2.08		
December	55	5.20	2.23	3.65	2.86	2.62	4.40	2.97	2.49	2.68		
TOTALS		3486	3435	2858	3124	2698	3082	3208	2879	2832		

1892 Gauge read weekly after the end of June

RAINFALL AT *Southport Meteorological Observatory*.

Lat.

Lon.

County of

Lancashire

Rain Gauge, by

Observer

Coast streams 3

Diameter										
Height										
Altitude										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	MEANS.
January	4.12									
February61									
March	2.43									
April	1.08									
May	2.32									
June	2.12									
July	3.10									
August	4.84									
September	4.02									
October	1.65									
November	6.96									
December54									
TOTALS	33.79									

1871-1890 Daily obs. 9 am - 9 am. Copied from books supplied by Mr Bassendall Kill-25.

RAINFALL AT Southport Heath Park

Lat.

Lon.

Central

County of

Lancashire

Copper Standard Rain Gauge, by Hallinckell

Observer

J. Bartendell Esq.

Coast Stream No. 3

Diameter ..	5										
Height	1.0										
Altitude ..	38 ft										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.25	1.56	2.33	2.84	2.91	1.65	4.12	1.26	1.90	2.11	2.493
February ..	3.00	1.58	1.41	2.20	3.79	1.20	3.25	1.67	2.11	.93	2.114
March ..	1.00	2.67	1.93	3.01	2.08	2.97	2.54	2.69	2.47	2.89	2.425
April ..	1.53	1.78	1.56	1.78	1.69	2.58	1.03	1.60	2.41	2.95	1.891
May ..	1.82	.98	3.35	2.45	1.76	.31	3.34	3.24	2.69	1.39	2.133
June ..	1.73	1.70	1.57	2.25	1.14	1.89	1.66	5.93	1.92	2.65	2.244
July ..	.78	1.76	2.34	2.58	1.06	1.78	1.16	1.78	3.46	4.93	2.163
August ..	6.57	2.82	2.10	4.18	3.11	3.38	2.95	3.71	3.32	2.99	3.513
September ..	1.87	.85	1.00	5.34	2.29	2.24	1.70	.76	4.11	2.47	2.263
October ..	4.54	2.90	3.07	6.88	2.00	2.84	5.63	3.78	2.61	4.63	3.888
November ..	3.13	4.25	1.99	3.09	2.05	4.76	2.46	2.70	2.75	1.67	3.885
December ..	3.50	3.86	2.91	3.02	2.40	.59	2.98	3.41	2.48	5.98	3.113
TOTALS ..	33.72	26.71	25.56	39.62	26.28	26.19	32.82	32.53	32.23	35.59	31.125

D D D D D ✓

Hub

1903 Heath Park Station 4/4 mile S.E.

1906 all rain on Southport 1/4 5.5. ✓

+ Inspected

RAINFALL AT Southport Hesketh Park

Lat.

Lon.

Central County of Lancashire South

Self Recording Rain Gauge, by Halliwel.. Observer J. Bacchendell Esq
Coastal Area 3.1 to Midnight

Diameter ..	11										
Height ..	1.5										
Altitude ..	39m										
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..											
February ..	2.31	2.65	2.86	1.62	3.97	1.28	1.81	1.98			
March ..	1.35	2.30	3.74	1.24	3.20	1.61	2.11	.97			
April ..	1.91	2.87	2.06	3.01	2.62	2.69	2.41	2.78			
May ..	1.56	1.68	1.75	2.47	1.04	1.62	2.42	2.92			
June ..	3.38	2.73	1.74	.30	3.22	3.10	2.70	1.40			
July ..	1.57	2.20	1.19	1.99	1.82	5.96	1.95	2.68			
August ..	2.35	2.52	1.09	1.84	1.21	1.98	3.50	4.88			
September ..	2.15	4.16	3.11	3.43	2.99	3.78	3.39	3.10			
October ..	.99	5.26	2.14	2.21	1.70	.77	4.15	2.40			
November ..	3.02	7.06	2.05	2.94	5.62	3.82	2.64	4.66			
December ..	1.95	3.12	1.99	4.74	2.36	2.69	2.72	1.55			
TOTALS ..	25.43	39.52	26.01	26.40	32.70	32.69	32.23	35.23			

D D D D D D

The Values are taken entirely from the Charts.

1903 Hesketh Park Station 1/4 mile S.E

1906 All Saints Ch Southport 1/4 - S.S.W

+ Inspected

RAINFALL AT Southport Hesketh Park

Lat.

Lon.

Central

County of Lancashire South

M.O.

Rain Gauge, by Corlett

Observer

J. Boxendell Esq.

Coast Streams 3

Diameter ..	8										
Height	1.0										
Altitude ..	38 ft										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.30	1.58	2.38	2.84	2.86	1.65	4.08	1.28	1.95	2.09	2.501
February ..	3.00	1.57	1.40	2.18	3.81	1.24	3.26	1.70	2.15	.98	2.129
March94	2.66	1.97	2.96	2.02	2.98	2.58	2.70	2.49	2.85	2.415
April	1.51	1.78	1.56	1.77	1.69	2.60	1.02	1.60	2.42	2.98	1.893
May	1.83	.97	3.39	2.39	1.74	.31	3.41	3.23	2.72	1.40	2.139
June	1.69	1.71	1.56	2.22	1.12	1.87	1.67	5.92	1.93	2.68	2.237
July79	1.72	2.37	2.51	1.02	1.75	1.18	1.78	3.49	4.99	2.160
August	6.56	2.80	2.07	4.18	3.10	3.40	2.96	3.70	3.33	3.00	3.510
September ..	1.86	86	.97	5.26	2.24	2.25	1.68	.75	4.13	2.47	2.247
October....	4.57	2.92	3.01	6.98	1.99	2.87	5.62	3.80	2.62	4.64	3.902
November ..	3.13	4.29	1.89	3.06	2.04	4.77	2.48	2.74	2.77	1.70	2.887
December ..	3.51	3.83	2.85	2.98	2.38	.62	3.03	3.43	2.49	5.94	3.106
TOTALS ..	33.69	26.69	25.42	39.33	26.01	26.31	32.97	32.63	32.49	35.72	31.126

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1903 Hesketh Park Station 1/4 miles S E

1906 All Saints Ch Southport 1/4 " SSW

Ingested

RAINFALL at Southport Hesketh Park

County of Central Lancashire Observer J. Baxendale Esq

River Basin Coast Streams 3

Open Board Rain Gauge, by Hallwill
Case No. 12

Diameter ...	5											
Height	1 0											
Altitude ...	38 ft											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	SUMS. ft A
January ...	3.45	.81	3.55	3.71	1.49	3.93	1.50	1.94	2.82	4.11		1037
February ...	3.20	2.83	1.60	1.13	2.01	3.42	2.81	1.07	2.88	1.09		785
March	1.04	1.15	4.77	3.27	3.35	1.35	2.13	3.24	1.12	5.31		180
April	2.20	2.53	.39	3.18	.86	2.06	2.40	1.64	1.04	1.38		646
May	2.31	1.49	2.20	2.18	2.00	1.56	2.37	2.68	3.27	1.11		913
June	2.97	2.28	4.67	2.07	1.36	1.65	2.15	2.06	1.66	1.36		783
July	3.73	.35	4.28	1.35	4.33	3.58	1.05	.93	4.03	1.46		747
August	4.68	3.63	4.68	1.47	2.05	3.35	3.53	6.10	2.87	3.26		1576
September ..	.54	4.62	1.40	2.28	3.65	1.25	2.54	2.33	8.41	2.26		1554
October ...	3.25	2.36	4.11	2.32	2.39	1.31	5.74	6.71	3.24	2.85		854
November ...	4.80	3.16	2.53	3.78	3.39	2.16	2.58	3.32	1.93	2.16		999
December ...	2.75	4.96	2.71	1.85	5.26	6.33	2.53	1.61	6.74	4.37		1585
TOTALS ...	34.92	30.18	36.89	28.59	32.14	31.95	31.32	33.63	40.01	30.72		135.69 120

+ Inspected

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1919	53.39.24	2.59.3	Hesketh Park			All Saints		

RAINFALL at Southport Hesketh Park

County of Central Lancashire

Observer

J. B. Ayerst Esq.

River Basin Coast streams 3

Recording Holttmann Rain Gauge, by Hallinwell
Farnley N + 3 1914

Diameter ...	11										
Height	15									1.6	
Altitude ...	397										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	M.R.A.N.S.
January ...	3.34	.94	3.50	3.73	1.55	3.92	1.34	1.92	2.80	4.13	
February ...	3.26	2.84	1.60	1.15	2.03	3.49	2.93	1.05	2.87	1.09	
March	1.03	1.14	4.81	3.39	3.28	1.30	2.04	3.23	1.14	5.23	
April	2.17	2.51	.39	3.08	.85	2.30	2.36	1.63	1.04	1.35	
May	2.33	1.41	2.23	2.24	1.98	1.31	2.49	2.68	3.26	1.11	
June	2.94	2.33	4.68	2.08	1.37	1.65	2.13	2.03	1.67	1.37	
July	3.71	.37	3.21	1.35	4.72	2.60	1.06	.95	4.05	1.50	
August	4.67	3.60	5.79	1.49	1.65	3.58	3.52	6.13	2.86	3.27	
September ..	.54	4.63	1.56	2.81	3.62	.97	2.58	2.34	8.44	2.81	
October ...	3.17	2.35	4.14	2.81	2.45	1.33	5.83	6.73	3.25	2.85	
November ..	4.73	3.14	2.40	3.82	3.52	2.11	2.62	3.36	1.96	2.19	
December ...	2.65	4.94	2.84	1.84	5.00	6.35	2.48	1.60	6.62	4.32	
TOTALS ...	34.54	30.20	37.15	28.79	32.02	31.89	31.38	33.65	39.96	30.72	
	D	D	D	D	D	D	D	D	D	D	

+ Inspected

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1919	53.39.24	2.59.3 W	Hesketh Park			All Saints		

RAINFALL at Southport Hesketh Park

County of Central Lancashire

Observer J.B. Boxwell Esq

River Basin Coast Streams 3

Gauge Met off Rain Gauge, by Casella

Diameter ...	8												
Height	1	0											
Altitude ...	38	m											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.		
January ...	3.48	.80	3.52	3.80	1.57	3.98	1.31	1.94	2.87	4.17			
February ...	3.22	2.85	1.64	1.15	2.01	3.55	2.97	1.10	2.89	1.10			
March	1.03	1.16	4.79	3.42	3.27	1.26	2.09	3.26	1.13	5.31			
April	2.20	2.54	.39	3.06	.85	2.28	2.07	1.64	1.04	1.87			
May	2.32	1.48	2.22	2.24	1.95	1.31	2.45	2.66	3.28	1.10			
June	2.95	2.31	4.71	2.10	1.35	1.64	2.10	2.03	1.66	1.35			
July	3.74	.35	4.23	1.33	4.73	3.59	1.05	.93	4.06	1.48			
August	4.70	3.62	4.81	1.49	1.64	3.57	3.58	6.12	2.88	3.27			
September ..	.54	4.65	1.39	2.29	3.62	.96	2.56	2.34	8.49	2.35			
October ...	3.23	2.40	4.12	2.32	2.47	1.33	5.81	6.73	3.28	2.87			
November ...	4.82	3.16	2.48	3.83	3.56	2.14	2.63	3.33	1.97	2.20			
December ...	2.81	5.06	2.83	1.86	5.10	6.44	2.52	1.63	6.68	4.89			
TOTALS ...	35.04	30.38	37.13	28.89	32.12	32.05	31.42	33.71	40.23	30.96	33.193		
	>	>	>	>	>	>	>	>	>	>			

+ Inspected

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	53°39'24" N	2°59'3" W	Hesketh Park	3/8 m	ESE	all saints	1/4 m	SSW

RAINFALL at Southport Hesleth Park

County of Lancashire

Observer J. Bassendell Esq.

River Basin Coast Streams 3

Copper Standard Rain Gauge, by Bassell

Av 1881-1915 31.9

Diameter ...	5"							5				
Height	10							10				
Altitude ...	38							37				
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	
January ...	3.47	4.30	3.83	2.26	2.74	2.15	3.21	3.63	7.16	1.38	4.89	39.01
February ...	2.12	3.38	3.43	3.80	7.6	4.18	3.13	1.89	3.30	0.91	.33	34.83
March	3.85	2.80	1.34	1.35	1.15	1.04	1.00	3.48	2.01	.60	3.11	31.93
April.....	4.01	1.40	1.54	2.63	1.43	1.67	1.23	1.08	1.38	.90	2.72	17.99
May	3.54	1.45	1.66	2.64	5.21	3.98	3.11	1.17	1.45	1.13	.99	26.93
June	2.58	.47	2.14	3.56	1.91	.07	1.79	3.07	4.67	1.18	1.41	20.05
July	4.74	1.72	4.81	2.92	4.28	2.41	3.34	2.87	2.64	2.56	3.42	35.71
August	1.49	4.93	5.94	4.67	4.43	3.58	3.11	5.21	3.12	4.03	5.85	46.36
September...	3.14	1.84	2.92	3.57	4.71	3.73	4.63	5.10	1.31	1.89	2.40	36.24
October.....	1.13	2.37	.58	4.52	4.02	4.19	3.14	2.96	5.53	4.50	5.52	38.96
November...	1.36	2.61	2.53	4.80	1.50	3.02	5.88	4.21	5.69	6.23	4.85	42.62
December...	2.53	3.84	4.10	4.89	4.31	2.26	1.13	1.20	2.92	5.63	4.08	36.89
TOTALS...	33.96	28.61	34.82	38.61	36.45	32.28	34.70	35.87	41.87	31.91	39.57	387.98

1927. Check 9. 1.8.

1930 Check passed as standard gauge for Metr and BR purposes up to 1926 incl.

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
	53°39'24"	2°59'3"	Hesleth Park			All Saints		

3012/20

RAINFALL at Southport Hesket Park

County of Lancashire

Observer J. Bassendell Esq.

River Basin Coast Streams 3

Copper Nickel Office Rain Gauge, by Gaskell

Diameter ...	8										8					
Height	1	0									1	0				
Altitude ...	36										37					
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MAY	1930				
January ...	3.48	4.31	3.79	2.34	2.73	2.20	3.29	3.75	7.15	1.40	4.88					
February ...	2.10	3.38	3.49	3.88	78	4.28	3.14	1.91	3.31	0.93	3.33	F				
March	3.83	2.79	1.36	1.38	1.15	1.08	1.02	3.52	2.02	0.84	3.11	M				
April	4.07	1.42	1.54	2.61	1.48	1.69	1.22	1.07	1.39	0.88	2.72	A				
May	3.57	1.45	1.66	2.48	5.22	3.99	3.09	1.18	1.45	1.96	1.00	M				
June	2.62	1.46	2.16	2.58	1.96	1.06	1.77	3.09	4.36	1.22	1.40	J				
July	4.73	1.70	4.93	2.97	4.36	2.45	3.32	2.88	2.68	2.54	3.46	J				
August	1.46	4.91	6.04	4.73	4.48	3.58	3.12	5.21	3.12	4.03	5.93	A				
September...	3.15	1.84	2.90	3.57	4.82	3.77	4.61	5.09	1.31	1.90	2.39	J				
October.....	1.13	2.88	1.58	4.57	4.07	4.20	3.18	3.05	5.57	4.52	5.48	O				
November...	1.40	2.64	2.49	6.86	1.55	3.03	5.92	4.28	5.72	6.22	4.81	N				
December...	2.54	3.87	4.17	4.91	4.38	2.25	1.16	1.22	2.95	5.62	4.06	D				
TOTALS...	34.08	28.65	35.11	28.88	36.98	32.58	34.84	36.25	41.53	32.06	39.57					
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	

1927 Used as Standard gauge for Monthly Weather Report and
for British Rainfalls (See case 33200 318476/28)

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
	53° 39' 25" N	2° 59' 3" W	Hesket Park	3/8 mi	ESE	All Saints	1/4 mi	SSW

3012/2
20

RAINFALL at Southport-Hesketh Park

County of Lancashire

Observer J. P. Ascandell Esq.

River Basin Coast Streams 3

Recording Stanley Rain Gauge, by N.W.G.

Diameter ...	11									
Height	1. 6									
Altitude ...	39									38'
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929
										1930
January ...	3.47	4.26	3.71	2.31	2.61				1.35	4.81
February ...	2.07	1.38	3.45	3.83	1.75				0.91	.29
March	3.83	2.77	1.35	1.30	1.16				0.79	3.10
April.....	4.10	1.42	1.84	2.59	1.46				0.90	2.77
May	3.57	1.50	1.67	2.47	1.31				1.96	1.09
June	2.59	1.48	2.18	1.59	2.83				1.29	1.42
July	4.75	1.69	4.91	2.93	4.19				2.62	3.49
August	1.48	4.89	5.98	4.71	4.56				4.07	5.87
September...	3.13	1.85	2.90	3.58	4.76				1.92	2.42
October.....	1.13	2.82	1.61	4.06	3.99				4.50	5.52
November...	1.38	2.63	2.41	4.76	1.51				6.18	4.77
December...	2.54	3.87	4.11	4.76	4.32				5.58	4.07
TOTALS...	34.04	28.56	34.82	38.46	36.45				32.07	39.62
	1923 N.P.									
	1924 N.P. check gauge.									
	1930. Check np.									

1923 N.P.
1924 N.P. check gauge.

1930. Check np.

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
	53°39'24"	2°59'3"	Hesketh Park			All Saints	

RAINFALL at Southport-Hesket Park

County of C. Lancashire

Observer J. Bascandell Esq.

River Basin Coast Streams 3

Rain Gauge, by

Roof gauge with higher during 1920 miles 3.13

Diameter ...	5"									MEANS.
Height	16 - 0									
Altitude ...	66									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929
January ...	3.13	3.80	3.28	2.04						
February ...	1.88	3.33	3.16	3.45						
March	3.59	2.47	1.15	1.26						
April.....	3.84	1.29	1.35	2.50						
May	3.40	1.32	1.53	2.33						
June	2.55	1.44	2.03	1.54						
July	4.62	1.67	4.69	2.93						
August	1.44	4.88	3.82	4.59						
September...	3.09	1.78	2.77	3.48						
October.....	1.09	2.74	.55	4.34						
November...	1.26	2.43	2.21	4.49						
December...	2.30	3.48	3.73	4.47						
TOTALS...	32.19	26.63	32.27	36.46	#					

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

RAINFALL at Southport (Hesketh Park)

County of Central Lancashire.

The Corporation
Observer (J. Baxendale, Esq.) died 14/1/40
(A. Goodwill) continued 30/6/38.

River Basin Coast Streams - 3

The Town Clerk

Type of Gauge Standard (+A)

Annual Average 32.5 in. based on 35 years obs. un-weighted. Period of average 1851-1935 Ref. BOTH

Diameter											Totals
Height											Means
Altitude											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January	3.43	3.81	2.41	2.54	1.74	3.89	1.63	3.33	4.52	2.35	2965
February	2.79	.05	2.90	1.0	3.15	2.23	4.17	.92	2.38	2.39	2108
March	1.37	2.01	2.27	1.72	.94	2.00	1.38	1.00	2.05	2.09	1583
April	2.47	2.77	1.54	2.15	1.93	1.17	2.85	.20	2.31	1.89	1928
May	2.06	3.60	1.90	3.06	1.35	1.22	1.90	3.21	1.04	2.12	2146
June	5.91	.67	1.72	1.77	3.82	4.94	1.87	4.03	3.05	.89	2867
July	2.69	4.19	1.87	1.29	.75	2.52	1.16	2.90	6.45	4.29	2861
August	4.58	1.89	1.69	3.32	2.24	1.72	1.54	3.09	1.64	1.31	2302
September	3.58	4.05	0.68	3.04	6.45	3.33	1.91	2.11	1.07	2.72	2894
October	2.41	6.40	4.25	4.36	4.87	2.48	2.42	7.00	1.84	3.43	3946
November	6.45	2.42	1.68	2.83	3.71	4.89	1.45	5.11	4.73	5.32	3859
December	1.82	1.71	0.80	4.52	3.16	3.50	2.22	3.74	2.83	2.89	2719
TOTALS	3856	33.57	23.71	30.70	34.11	33.89	25.00	36.64	33.91	31.69	32178
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	

In 1933 the values for the Reinforced Plaster gauge were omitted in cross time months 1-25.

1934 Station inspected 4/VII/34 Site T.9. satisfactory

1935. " 20/6/35. Site T.9. satisfactory, height of 9' given as 37 ft by obs.

1937 Pollution gauge in high 3rd floor Stevenson screen 16-5' high, 10-5' wide.

Railings 2' high 2' side M.

1938 Station inspected 3/10/38 - Site very satisfactory except over-exposure by trees & trees

940 Railings 4' high 5' to S

10' to W

15' to N

Pine trees 20' high (approx) 40' to N.

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
1936			Hesketh Park, L.M.S. 1/4 mi SE'E			All Saints	1/3 mi	S.W.

RAINFALL at Southport (Deserted Park) Check g.

County of C. Lancashire Observer J. Boxedall

River Basin. 3 - Coast Streams A Greatorex Bay.

Type of Gauge Standard

Annual Average 31.2 in. based on 29 years obs. un-weighted. Period of average 1880-1915 Ref. S

660479/26

Diameter	5"										
Height	1' 0"										
Altitude	37'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January			2.42		1.78	4.00					
February			2.90		3.17	2.29					
March			2.24		.92	2.01					
April			1.56		1.94	1.18					
May			1.69		1.35	1.21					
June			1.74		3.87	5.05					
July			1.67		.75	2.50					
August			1.69		2.24	1.74					
September			.68		6.52	3.38					
October			4.28		4.96	2.47					
November			1.68		3.70	4.84					
December			.78		3.21	3.87					
TOTALS	38.58	33.36	23.72	N.R.	34.41	34.24	N.R.				

Check up 1927-1931 & 1932

1936. not printed. India gauge

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

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

RAINFALL at Southport (Hesketh Park)
 County of C. Lancs. Observer J. Baxendale.
 River Basin 3. Coast Streams.
 Type of Gauge 11" Recorder

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....

Diameter	11"											
Height	1' 6"											
Altitude	371											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	3.31	3.71	2.30									
February	2.83	.03	2.77									
March	.39	1.99	2.26									
April	2.51	2.76	1.55									
May	2.09	3.56	1.86									
June	5.94	.68	1.73									
July	2.72	4.24	1.88									
August	4.58	1.92	1.72									
September	3.54	4.01	0.69									
October	2.88	6.36	4.29									
November	6.35	2.41	1.71									
December	1.78	1.62	0.75									
TOTALS	38.42	35.29	23.60									

Check/m/s. 1929 - 1931 = 1.32

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

Station No. 3012

M.W.Y. 41

RAINFALL at Southport (Hesketh Park).

County of Central Lancashire Observer Mr. Tom Clark

River Basin Coast Streams - 3 The Borough Meteorologist

Type of Gauge Standard (P+A) M.O.

Annual Average 32.0 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B. 7. N.

File No. E 7160/48

Diameter	8"	569	139								
Height	1' 0"		1								
Altitude	37'		41								35'
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.66	4.12	4.35	3.55	2.29	3.97	2.49	6.22	1.88	1.29	Total 31.5 31.82
February	3.39	1.36	2.11	1.17	3.87	4.12	1.11	1.61	1.38	3.59	23.71
March	2.73	2.86	.84	.72	1.10	.67	5.46	1.40	2.14	1.20	17.12
April	1.44	1.30	2.12	2.32	1.81	.96	3.24	1.39	2.80	2.44	19.82
May	2.11	3.65	3.65	1.81	3.26	1.74	4.02	1.60	2.49	.65	24.98
June	.44	.58	2.51	2.23	2.98	3.79	2.48	3.75	.55	1.39	20.70
July	2.55	3.72	4.25	2.76	3.00	3.81	2.26	3.42	2.56	2.83	31.16
August	4.12	3.52	4.79	2.75	1.65	5.50	.19	5.50	2.02	6.54	36.58
September	1.34	2.55	4.27	5.54	2.06	5.28	2.68	2.64	1.09	6.47	33.92
October	4.24	3.16	4.76	3.25	4.45	.60	.45	1.83	4.94	2.94	30.42
November	1.90	.99	2.38	6.77	.17	4.53	3.42	2.60	3.97	3.99	30.72
December	.99	3.48	1.85	2.54	2.82	3.45	2.60	3.30	4.62	3.18	28.83
TOTALS	26.91	31.29	37.88	35.41	29.46	38.42	30.40	35.26	30.24	36.51	331.78 331.78

1941 Rain gauge 4' high 8° 20' N.S.E.W. 1942 10' high 20' N

1943 Rain recorder 12' high 4° E. Barometric pollution jar 5 ft high 8° N.E.E.N Stevenson Screen 5 ft. high 15° E.S.

1944 as above + cupboard 16 in. 6 ft. W.N.

1945 Iron fence 5' high 12' N.W. Pine tree 60' high 40' N

1946 July 31st 1.67" rain in 35 mins during severe thunderstorm. Gauge empty at beginning + measured after rain ceased. Checked by eye observation + autographic gauges.

1950 Iron fence 5 ft. high 7 ft. N.E.S. Pine trees 40 ft. high 50 ft. N.

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	Parish Church.	Distance from gauge.	Direction
1941			Hesketh Park	1/4 m.	S.E.	All Saints	1/6 m.	S.S.W.
1947			" "	1/2 m.	S.E.	" "	5 m.	S.W.

Station No. 3012 mnr. 51

RAINFALL at Southport (Herchell Park)

County of Central Lancashire

Observer The Borough Meteorologist.

River Basin Coast Streams -3

TOWN CLERK (1955)

Type of Gauge

M.D. (+A)

Annual Average 32.0 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B. of N.
 33.64 " " " " 1916-1950 P
 F.109a File No. E 720/16064/53

Diameter	8"	569	139	8"							
Height	1' 0"			1' 0							
Altitude	37'		51	42'							
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	3.04	3.18	1.33	2.92							
February	2.30	.89	.85	3.00							
March	4.69	1.65	.92	2.35							
April	1.31	2.31	2.09	1.14							
May	3.12	2.73	2.02	2.50							
June	1.72	2.19	1.73	2.94							
July	1.77	1.38	2.63	3.88							
August	4.01	3.33	3.87	4.47							
September	3.25	3.97	4.09	4.32							
October	1.30	3.47	1.76	7.14							
November	7.69	2.25	4.01	6.40							
December	6.63	3.24	1.56	3.42							
TOTALS	39.83	30.59	26.86	44.48 N.R.							
	D	D	D	D							

1951 Iron fence 5' high at 7' N+S. Rose trees 40' high at 50' N. (Confirmed 2/54)
 1952 Tree in a 5" check gauge at this site (F.109a)

1. on changes made = 1955

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference SD(34)346 183

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge.
1951			Herchell Pk.	600 ²	E.S.E.	all Saints	1/4 mi.	S.S.W.

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
	✓	✓	✓	✓	✓