

RAINFALL AT *Dundee Harbour*

Lat.

Lon.

 County of *Forfar*

Rain Gauge, by

 Observer *D. Cunningham Esq*
Firth of Tay - 2.

Diameter . . .									5		
Height									1. 0		
Altitude									14		
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January					3.56	1.29	3.23	1.85	1.92	.94	
February					1.67	2.70	1.50	1.13	.87	1.60	
March					2.81	2.46	3.37	1.19	4.30	1.61	
April					1.23	2.43	1.44	1.92	1.54	3.68	
May					1.85	3.89	3.20	.76	1.94	2.29	
June26	.56	.99	.58	2.15	.94	
July					5.15	.81	4.33	2.13	5.57	2.89	
August					2.24	1.84	1.02	2.70	1.87	8.36	
September . . .					2.54	2.99	2.66	4.34	.40	.69	
October					1.48	1.42	3.87	.87	1.54	2.71	
November					1.64	2.03	1.71	4.02	6.15	.97	
December					2.84	1.09	2.01	1.32	1.82	1.21	
TOTALS					27.27	23.51	29.33	22.81	30.07	27.89	

RAINFALL AT

Dundee Harbour

Lat. _____

Lon. _____

County of

Forfar

Rain Gauge, by _____

Observer

Dunningham Esq

Fist of Jan - 2.

J. C. Buchanan Esq

Diameter	5											
Height	0 10									1 0		
Altitude	14									13		
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	2.96	.86	1.60	1.39	3.37	3.11	.85	1.81	.70	3.60	2.026	
February	1.51	.12	2.43	3.16	4.74	1.00	.89	1.06	.95	2.38	1.824	
March	2.14	2.87	.99	1.02	1.24	2.65	1.27	3.64	.62	1.76	1.820	
April71	1.51	.81	1.30	1.59	1.12	.95	1.40	4.00	3.31	1.670	
May	2.21	2.18	2.59	1.23	3.12	.40	.82	1.32	1.97	4.28	2.012	
June	2.83	.60	2.98	1.95	1.93	2.00	2.52	4.97	1.70	1.90	2.338	
July	3.06	2.91	1.73	2.93	3.41	4.00	3.82	1.76	.89	2.72	2.723	
August	2.22	4.58	6.26	3.15	4.36	4.56	1.96	4.75	3.42	.61	3.587	
September....	2.84	4.19	1.40	1.77	.17	.84	3.69	1.70	1.83	3.90	2.233	
October	2.24	2.75	3.74	2.58	3.63	1.49	2.78	2.10	5.02	.98	2.731	
November	4.59	3.11	1.82	1.35	1.44	2.67	.84	1.79	4.72	2.63	2.496	
December	2.27	3.93	.91	2.13	1.88	3.47	5.27	3.37	1.42	4.34	2.899	
TOTALS	29.58	29.61	27.26	23.96	30.88	27.31	25.66	29.67	27.24	32.41	28.958	

1899 Nov 30th gauge moved 97 ft E
 Custom House 60 ft high 34 ft N.W

RAINFALL AT Dundee Harbour

Lat. 56° 28' N

Lon. 2° 58' W

County of Forfar

Rain Gauge, by

Observer

G. C. Buchanan Esq. C.E.
J. Thomson Esq. C.E.
J. H. Thompson Esq. C.E.

Firth of Tay - 2.

Diameter ..	5											
Height	0	10										
Altitude ..	14											
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	3.67	1.86	1.24	4.44	1.88	.41	1.88	1.01	1.20	1.58	1.917	
February ..	3.42	1.50	1.45	3.47	5.10	.81	.46	.82	.37	.82	1.822	
March	1.71	1.45	1.30	2.75	1.79	2.99	1.24	1.62	3.08	4.34	2.227	
April	1.49	2.55	1.88	1.30	2.04	2.07	.84	1.70	.61	3.72	1.820	
May	1.76	1.99	2.22	1.51	2.44	1.47	4.15	3.52	1.46	3.43	2.395	
June	1.50	2.63	1.69	2.39	.42	.78	.90	3.61	.97	.79	1.571	
July	3.63	.71	3.32	4.38	1.19	1.20	.81	2.12	1.48	2.34	2.148	
August	4.26	3.32	3.18	5.47	5.22	3.40	4.41	3.53	1.22	1.89	3.590	
September..	1.97	1.80	1.48	2.25	2.38	1.19	.81	.98	4.44	1.36	1.866	
October	3.42	2.49	1.32	5.64	.64	1.80	3.27	4.32	2.07	3.42	2.839	
November..	4.90	2.00	2.12	1.01	.61	4.39	3.39	1.03	1.12	.29	2.086	
December ..	3.58	3.13	3.72	(2.70)	1.65	1.21	1.43	2.93	1.25	3.40	2.500	
TOTALS ..	35.31	25.63	24.92	(37.31)	25.36	21.82	23.62	27.19	19.27	27.38	26.781	

1903 Dec 7th amount computed

thru

RAINFALL at Dundee HarbourCounty of Forfar Observer J. H. Thompson Esq. Esq.River Basin Firth of Tay 2.Rain Gauge, by Howard Wilson

Diameter ...	5										
Height	0 10				11						
Altitude ...	14										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	1.35	.70	3.06	4.02	1.30	1.83	1.71	1.50	1.89	2.44	
February ...	2.18	1.22	2.53	.72	2.31	4.22	2.42	1.26	1.64	1.98	
March	1.09	1.10	1.99	3.89	3.53	1.90	3.11	1.63	.92	1.76	
April	2.39	.84	.10	2.04	.83	.77	1.32	1.37	.76	1.17	
May	1.48	.77	1.70	3.87	1.61	1.27	3.75	1.92	3.34	.96	
June	1.41	1.11	3.35	1.64	1.11	1.77	2.91	2.18	.77	1.50	
July	3.15	1.09	2.52	.43	1.95	4.09	7.99	2.20	5.21	.67	
August	7.90	.84	4.33	1.20	2.56	3.97	3.46	5.00	2.22	2.05	
September ..	1.03	.82	2.98	2.17	.71	1.37	1.56	1.31	3.56	.93	
October ...	1.49	1.37	2.99	1.59	2.50	2.66	4.19	2.00	2.63	1.38	
November ...	2.78	2.95	2.08	1.72	3.29	1.71	3.70	2.75	1.39	5.02	
December ...	2.83	4.40	2.01	1.34	4.53	6.26	3.72	1.12	1.57	4.07	
TOTALS ...	29.08	17.21	29.64	24.63	26.23	31.82	39.84	24.24	25.90	24.43	

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Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1912 1919.	56.28	2.58	Dundee E	10 yds	E N E	St Andrews	500 yds	N.

RAINFALL at Dundee HarbourCounty of FifeObserver J. H. Thompson Esq C.E.River Basin Firth of Tay 2General Manager Dundee Harbour TrustSnowdon Rain Gauge, by Howard Wilson
(1929)

Diameter ...	5			5							
Height	0.11			0.11							
Altitude ...	14		20	14							
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. Means.
January ...	2.56	2.75	3.15	1.51	2.35	2.03	4.79	1.60	3.81	1.08	1.64
February ...	1.64	3.6	2.04	4.76	1.00	2.75	4.82	1.17	1.76	1.71	1.24
March	1.59	1.95	1.61	1.43	.84	1.48	1.05	1.96	3.99	.45	1.64
April	1.38	.97	1.55	2.70	1.99	2.99	1.84	.83	.71	1.14	1.98
May	3.16	1.52	.84	1.57	3.79	3.51	1.79	2.27	1.23	2.31	1.63
June89	.38	1.67	1.25	1.81	.52	2.49	2.10	3.91	1.59	1.44
July	2.18	1.97	3.00	2.55	4.21	1.57	3.00	2.26	.75	2.45	2.11
August	4.04	3.45	2.26	4.72	2.74	1.61	2.36	6.24	4.64	3.02	6.02
September...	2.63	1.56	2.00	1.92	4.17	2.78	3.92	4.94	2.24	.47	4.62
October	1.98	2.21	1.36	1.77	4.11	2.24	4.55	5.07	3.14	2.58	2.33
November...	1.88	1.78	1.65	2.23	1.81	.84	4.86	1.92	2.12	3.32	3.18
December...	3.20	1.30	1.74	2.66	3.55	2.71	.28	1.86	2.26	3.29	2.56
TOTALS...	27.13	20.20	22.87	29.07	32.37	25.03	35.75	32.22	30.56	23.41	30.39

Position of Station on reduced Ordnance Survey } No. of Map _____
Map, 2 miles to 1 inch Series

Reference No. _____

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	56° 26'	2° 58'	Dundee E	110 yds	E.N.E.	St Andrews	500 yds	N.

RAINFALL at Dundee Harbour M.W.R.County of Angus (Dundee) Observer Dundee Harbour Trust
(J.H. Thompson, Esq.) ShireRiver Basin 2 - Mouth of TayType of Gauge LondonAnnual Average 27.4 in. based on 44 years obs. un-weighted. Period of average 1851-1917 Ref Ref

Diameter	5										
Height	0.11										
Altitude	144										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	3.02	1.62	1.60	1.12	.96	4.68	3.12	3.82	3.96	1.88	
February	1.22	.13	2.39	.12	1.34	3.51	3.14	.29	1.93	1.19	
March	1.04	2.38	1.63	2.62	1.22	2.17	3.62	.38	1.87	2.67	
April	1.94	2.25	1.13	5.49	2.89	.56	1.77	.04	.81	.91	
May	3.41	2.65	1.62	1.71	.58	1.16	2.02	3.75	1.49	1.18	
June	4.26	.93	1.42	.72	2.95	1.41	2.09	2.48	1.30	.27	
July	4.31	2.86	2.79	3.14	1.41	4.33	4.31	3.88	3.92	5.41	
August	3.16	.64	.68	3.75	1.88	2.02	2.89	1.30	1.76	.97	
September	.98	1.42	1.19	2.52	3.29	3.37	.88	2.89	1.54	2.05	
October	1.10	6.95	3.37	2.67	3.08	1.18	2.79	3.63	3.12	4.38	
November	4.43	1.18	2.05	.65	3.75	1.57	.51	3.33	4.29	5.06	
December	.76	2.82	1.28	3.11	2.07	2.02	3.66	2.77	1.11	1.14	
TOTALS	29.63	24.83	21.15	27.62	25.42	27.98	30.80	28.56	27.10	27.11	
	2	2	2	2	2	2	2	2	2	2	

1937. House 20' high 20' W.
 Fence 6' " 15' ENE.
 Tree 6' " 21' SSE.

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
			Dundee East.	400 yds	W N W	St. Pauls	800 yds	W.

Station No. 5588

RAINFALL at Dundee (Harbour)

51

County of Angus (Forfar)

Observer Dundee Harbour Trust

River Basin Firth of Tay - 2

Type of Gauge Snowden

Annual Average 27.4 in. based on 44 years obs. un-weighted. Period of average 1881-1915 Ref. 5

File No.

Diameter ...	55"			859	135							
Height ...	1' 0"				1							
Altitude ...	14'	13'			51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	3.02	1.26	0.47	1.32	1.49	2.59	2.58	1.52	0.67	3.97		
February ...	2.94	0.53	0.55	2.07	1.46	1.02	3.56	2.40	0.15	2.03		
March ...	2.13	2.19	0.20	1.86	1.17	1.41	1.89	4.09	1.02	2.25		
April ...	1.57	0.73	1.77	1.13	0.61	1.02	0.66	1.30	2.12	1.89		
May ...	1.92	2.16	1.55	3.80	1.71	0.77	1.51	2.70	0.71	1.87		
June ...	2.03	2.10	0.93	1.67	1.12	2.93	0.67	3.41	1.84	2.13		
July ...	4.03	1.47	2.97	2.74	0.92	3.84	4.65	3.70	2.86	3.62		
August ...	2.91	2.59	1.83	2.68	0.44	4.25	4.22	2.59	0.58	4.39		
September ...	1.60	0.71	1.70	2.02	0.96	4.13	1.25	2.14	0.62	1.22		
October ...	0.51	1.85	1.01	5.01	1.53	0.79	1.18	1.36	1.59	5.18		
November ...	5.87	1.77	1.97	3.07	1.69	0.68	1.19	0.81	4.15	2.81		
December ...	1.58	1.92	2.46	3.14	5.20	2.87	3.55	3.52	4.99	1.89.		
TOTALS ...	30.01	19.28	17.41	30.51	18.26	26.00	26.91	29.54	21.30	33.25		
	D	D	np	np	np	np	np	np	np	np		

1951 Paint.

1954. Station inspected 17th May. - Site north of dyke - not to be published in British Rainfall. The instruments were moved to the present site in November 1951 (a result of 8448 612)

1958 n.p. site unworkable.

1959 n.p.

1960 n.p. " July, see part cat.

Position of Station on Ordnance One-Inch map :

No. of Map

National Grid Reference 37/404 298

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓	✓
	✓	D21-30	Shed 40	np 50	