

80

RAINFALL at DOUGLAS (MONKSFOOT)

County of LANARK
River Basin 5 - CLYDE L.B.T.

Observer

T. STEELE ESQ.

Type of Gauge.

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

Ref.

Diameter	5"
Height	1'
Altitude	778'
Year	1921 1922 1923 1924 1925 1926 1927 1928 1929 1930 1931	Means
January	8.95 1.45 2.57 1.05 3.53 3.48 3.24	
February	1.95 1.96 1.94 1.50 3.07 3.60 4.62	
March	1.52 3.82 2.22 2.70 4.05 3.54 2.96	
April	3.36 2.18 1.41 1.45 1.47 3.13 3.58	
May	2.69 1.92 4.04 2.67 2.13 2.03 3.21	
June	1.83 1.98 1.81 3.57 2.91 2.15 2.52	
July	3.16 2.12 2.56 2.60 3.09 6.60 5.71	
August	4.61 3.99 5.67 4.66 4.26 3.01 5.75	
September	1.98 2.17 1.13 1.78 5.55 3.25 1.27	
October	9.72 2.36 2.58 5.63 7.59 9.47 7.10 2.02	
November	3.74 2.02 2.87 3.45 3.00 3.12 1.87 4.59	
December	3.69 3.13 2.91 1.74 4.47 2.39 4.53 5.42	
TOTALS	32.55 29.95 34.17 36.04 36.51 44.29 44.89	

Annual Totals 1907-1911 revised and entered 1/2/37 (R541).
Monthly " 1903-1915 " " " March 1937.

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	Parish Church	Distance from gauge

RAINFALL at DOUGLAS (MONKSFoot)

County of

LANARK

Observer

T. STEELE

River Basin

5-CLYDE L.B.T.

Type of Gauge

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

Diameter												5"		
Height												1'		
Altitude												778'		
Year	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	Means
January	3.84	3.62	2.99	4.00	4.71		3.35	3.10	4.66	8.55				
February	6.89	3.09	3.44	6.94	6.19		2.05	6.76	1.33	6.73				
March	2.34	5.87	5.82	6.12	2.74		2.89	4.33	1.92	5.60				
April	4.56	2.18	4.04	4.00	3.65	6.07	2.99	6.69	4.87	3.51				
May	3.09	2.17	4.08	3.05	1.68	5.30	1.74	2.07	1.10	7.68				
June	3.10	5.70	6.00	1.33	1.85	3.87	3.64	1.53	3.56	1.74				
July	2.38	3.84	1.99	1.87	5.82	4.33	1.33	2.61	9.0	5.11				
August	2.13	4.02	1.57	4.67	2.46	3.35	6.28	3.66	3.56	4.55				
September	3.47	3.19	2.29	2.80	1.34	2.56	4.66	8.25	5.12	3.48				
October	4.23	5.67	2.93	1.80	1.72	8.42	7.74	7.45	1.43	2.23				
November	8.08	5.13	5.92	6.25		6.00	9.00	5.02	4.43	4.38				
December	8.45	9.75	5.74	6.48		5.80	4.12	6.12	9.37	4.28				
TOTALS	52.56	54.23	45.81	48.31			49.79	50.59	42.25	59.84				

Annual Totals 1907-1911 added & entered 1/2/37 (R541).

Records 1916-1935 added & entered after correction for use of 8" measure with a 5 inch gauge 1/2/37
monthly totals 1903-1915 added & entered March 1937.Position of Station on reduced Ordnance Survey Map, } No. of Map.....
1 mile to 1 inch Series Reference No.....

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

RAINFALL at Douglas (Manxfest)

County of Lancaster Observer J. Steele Bay
 River Basin 5-mile 6.5 miles
 Type of Gauge Glacier

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

Diameter	5"											
Height	1'											
Altitude	778'											
Year	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	Means	
January	11.30	5.37	5.80	4.30	5.84	6.80	7.78	11.72	1.87	8.05		
February	1.51	5.12	5.55	1.74	5.88	4.97	2.89	6.00	2.66	1.49		
March	10.30	2.56	2.25	.92	2.17	4.73	3.89	3.81	1.74	2.51		
April	2.35	2.25	4.22	2.81	6.80	4.61	4.40	2.38	1.97	1.89		
May	3.30	5.02	3.89	4.40	6.84	4.63	2.43	2.05	4.37	2.05		
June	.95	2.81	2.02	2.23	.79	3.22	5.42	7.01	3.25	2.94		
July	4.30	5.37	5.30	4.89	2.15	3.53	5.95	4.22	4.88	4.65		
August	7.78	4.68	8.45	5.30	3.28	4.81	6.67	6.38	7.12	6.50		
September	3.81	2.61	7.78	6.19	4.10	4.73	8.10	4.22	2.33	4.20		
October	4.07	2.05	8.40	4.17	5.15	6.55	5.94	8.20	8.05	8.10		
November	2.94	8.71	6.10	8.30	1.41	6.00	7.68	9.60	8.00	6.77		
December	9.40	5.65	5.27	6.19	5.57	3.94	1.61	4.84	13.80	4.87		
TOTALS	62.01	47.10	65.03	48.44	49.98	58.52	62.71	70.43	59.04	63.02		

Records 1916-1935 read & taken after correction for use of 8 inch measure with a 5 inch gauge. 19/3/37

Earth bank on hill 40ft at 100yds 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	Parish Church.	Distance from gauge	Direction
			Snibster (LMS)	150yds	S	Douglas	4mbs	SE

RAINFALL at Douglas, Monk's footCounty of Isle of Man Observer J. Steele Esq.River Basin Elyse - Sop/Bank/Lite - 5.Gauge Rain Gauge, by

Diameter	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January										.73	3.16
February										1.0	.19
March										.29	.96
April										.77	.74
May										1.71	.80
June										1.27	1.15
July										1.91	1.82
August										2.78	2.54
September										.91	1.64
October										3.15	3.15
November										3.12	2.65
December										5.39	1.90
TOTALS										23.18	20.66

1929 No low.

Sun shading 20' high 30 yards NW. Sun 50' high 50 yards NW. Earth Bank or wall 40' high 50 yards NW.

1930. Year above 20' low. n/a.

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
			Laxey (W.M.S.)	50 yards	S.	Douglas	4 miles	SE.

RAINFALL at Douglas (Monkeyfoot)

R541. County of Lancashire Observer J. Stark Bay
 River Basin 5-mile, left bank trib.
 Type of Gauge

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

Diameter	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
Height											
Altitude											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January	6.70	10.20	6.10	7.53	3.84						
February	5.22	2.23	4.83	1.90	7.42						
March	1.23	2.99	3.27	3.55	2.51						
April	2.17	5.04	3.27	3.97	3.94						
May	2.97	3.09	6.50	4.55	.95						
June	1.25	2.10	2.69	2.53	7.37						
July	4.40	5.04	4.55	4.32	3.10						
August	2.97	1.82	4.09	4.68	2.07						
September	1.48	6.53	1.46	6.14	7.06						
October	3.42	8.25	4.14	9.15	10.40						
November	8.15	4.92	1.79	2.28	7.10						
December	7.00	9.45	1.20	7.05	3.9						
TOTALS	54.9	659.66	43.89	56.65	59.67						

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			Douglas	110yds	55E	Douglas	4 M	SE

b52954

518715
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RAINFALL at

Douglas (metres)

County of Lancashire

Observer J. Steele Esq.

River Basin 5 - Clyde Left Bank

Type of Gauge Glass (mm.)

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

Diameter						5	8				
Height						1.0					
Altitude						780					
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.62					6.70	7.46	8.61	4.33	2.19	
February	2.04					3.10	5.46	2.70	6.89	1.86	
March	1.48					3.58	1.24	3.76	5.36	5.94	
April	.85					2.00	2.45	.97	3.18	3.14	
May	1.16					1.79	2.23	4.52	.90	1.94	
June	2.83					2.23	2.94	5.76	2.38	1.15	
July	1.72					5.11	4.30	6.16	4.61	5.11	
August	1.16					3.30	3.74	3.59	1.90	2.79	
September	.60					4.20	2.67	4.20	2.33	5.39	
October	2.12					8.27	4.84	9.35	2.00	4.73	
November	3.19					4.95	1.48	9.72	10.11	5.77	
December	2.73	2.50				7.57	2.28	3.87	2.99	7.10	
TOTALS	21.50	NR.	NR.			52.90	44.42	63.21	46.98	47.19	
	Losses					D	D	D	D	D	

Sheet extracted by M.O. Edinburgh from their return 20/7/32

1931. 20.60

1932. Scale measuring glass used in error throughout year (5 in. measure supplied by M.O. on Jan. 11th 1931. - Total increased in ratio 25: but M.O. 28.1: 27.)

Glass used two cans - a dry one taken every morning, so that there can be no doubt of the next day's fall.

House 21 ft high 38.75 N.W.

House No. " 70 "

High ground 30.60 " 30.90 N.E.

High ground 65.60 " 30.90 N.W. for 200 ft away.

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	Parish Church.	Distance from gauge	Direction
1936.			Indus	110 ft. S.S.E.		Douglas	4 mi. S.E.	

Station No. 51875

RAINFALL at Douglas (Monks Fost)

41

County of Lancashire
 River Basin S. Clydes - Left Bank
 Type of Gauge G. Rainfaller

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

Ref.

File No.

Diameter	8			652	954	5				
Height	10				1					
Altitude	780				41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
January	0.77	4.92	5.21	7.00	3.54	5.22	3.90	6.49	6.72	4.05
February	3.90	1.34	6.48	1.84	7.98	3.96	6.67	4.96	6.25	5.05
March	2.87	1.90	2.49	1.11	3.43	2.22	3.70	5.02	2.64	4.53
April	1.83	2.03	3.62	3.02	1.79	2.24	5.38	4.65	5.27	5.10
May	5.12	3.13	4.63	3.42	4.93	1.17	4.58	1.34	1.89	2.46
June	0.90	1.34	5.21	3.89	4.71	3.15	3.32	5.08	1.08	3.11
July	3.88	4.56	2.84	4.40	2.90	4.77	3.84	3.70	2.33	4.74
August	7.40	4.14	4.43	4.77	1.71	2.70	0.14	6.04	4.10	6.47
September	1.57	5.77	3.40	6.01	7.68	7.74	5.00	6.72	1.44	10.77
October	4.45	8.79	6.06	4.38	4.87	.81	2.73	5.29	6.10	5.84
November	3.81	1.59	2.94	9.62	.67	6.67	4.08	4.21	6.39	4.74
December	3.16	7.25	3.38	6.44	3.54	3.83	2.57	5.73	10.25	1.98
TOTALS	39.66	46.76	52.99	55.90	47.75	44.48	39.91	59.23	54.46	58.84

1941 Jan adj. for snow.

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

Station No. 5187/5

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RAINFALL at Douglas (monkseaton)

County of Lancashire

Observer Miss J. Steele

River Basin. 5 - Llyda - Left Bank

Type of Gauge. ~~Elephant B.A. min.~~

Annual Average..... in. based on..... years obs. un-weighted. Period of average..... Ref.....
 " " 50-52 " " 22 " ~~1937-59~~ X " 1916-50 " S.
 File No.

Diameter	5"				652	954					
Height	1' 0"						1				
Altitude	780'						51				
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	5.22	4.71	3.05	5.57	3.07	3.18	5.37	4.72	1.96	4.09	
February	2.95	2.02	2.06	2.80	1.47	1.84	3.09	3.78	1.86	4.12	
March	4.09	2.07	1.09	3.45	1.46	3.52	4.42	1.50	3.01	2.15	
April	4.20	3.23	2.67	1.83	2.38	1.52	2.30	2.36	4.26	3.93	
May	2.11	3.23	2.70	5.45	4.11	2.40	2.88	3.01	1.42	1.89	
June	1.96	3.04	2.17	4.00	2.35	3.64	1.65	3.34	3.11	2.37	
July	3.55	3.70	5.40	4.12	2.21	5.53	3.91	5.31	6.34	2.72	
August	6.98	4.68	2.97	4.73	1.99	7.88	6.66	5.67	1.15	4.04	
September	3.37	3.35	4.70	8.36	4.86	4.53	4.10	5.08	1.32	2.90	
October	1.23	3.80	5.51	9.97	3.83	4.08	5.44	4.05	8.27	3.01	
November	7.81	3.51	7.12	8.70	2.18	2.40	2.99	2.17	6.70	8.30	
December	8.28	4.45	5.11	9.10	8.81	7.92	6.55	6.74	6.39	7.19	
TOTALS	51.75	41.79	42.55	68.08	38.71	49.04	48.56	47.53	45.79	46.71	
	D	D	D	D	D	D	D	D	D	D	

1m. 20.10.59 G. Some apart from slight drift in river - shallows formed. A little off to SE & SW where there is a gentle slope. Little to be gained by move.

Record from 1903 but the backlog 1903-1935 were not received & entered in Meteor Log book until Mar 1937 - therefore difficult to see why up to 1935 NR 32-36 & C 1939. - Ref. to Meteorogram 1968

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 26/787280

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

Summary of Earlier Records from 10-year Sheets :

Record D. or d	1910-19	1920-30	1931-40	1941-50	1951-60
		1903 ✓	✓ MP 31, NR 32-38 ✓	✓	✓ but 0.4-0.4-0.4