

RAINFALL at

Newton Stewart. Dumfries.

County of Wigton

Observer Major General Sir Keith Stewart K.C.B., D.S.O.

River Basin Cessnock Bay, etc.

Gauge Rain Gauge, by

Diameter										Square ft.
Height	5 5
Altitude	4126
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1930
January	3.33 6.51
February	3.21 1.16
March	1.82 2.85
April	1.14 2.31
May	4.60 1.70
June	2.73 2.86
July	3.66 3.25
August	6.23 6.97
September	9.4 4.09
October	6.12 8.61
November	8.54 5.23
December	10.65 6.34
TOTALS	52.97 51.03 D. D.

1929 Shows 85' high 75° N.W.
 Tues 45° " 80° SSW.

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
			Newton Stewart	1580 yds	S.	Mengoff	800 yds N.E.

RAINFALL at Newton Stewart (Dunes)

County of Wigtown

Observer Maj Gen Sir Keith Stewart, K.C.B.

River Basin N.E. of Wigtown Bay.

M.G. 5

Type of Gauge S. automatic

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

Diameter	8	5										
Height	5' 5"											
Altitude	125'											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	6.24	4.85	3.62	5.78	2.30	4.64	5.46	5.49	4.90	2.96	4.624	
February	3.91	.06	3.32	.47	4.84	1.85	5.80	2.89	5.34	1.76	3.023	
March	1.00	2.76	3.90	3.00	1.57	2.81	1.92	1.59	3.59	4.59	2.673	
April	2.33	4.93	2.05	2.83	2.74	8.24	2.53	.68	1.98	1.59	2.260	
May	3.13	3.95	1.99	4.26	.81	3.69	2.25	4.07	1.09	1.36	2.660	
June	4.35	1.72	2.89	1.74	3.49	3.34	2.77	4.52	2.19	1.06	2.807	
July	3.61	3.87	4.83	3.15	1.89	6.16	5.60	5.37	6.25	3.95	4.468	
August	2.11	2.08	2.53	4.71	1.69	3.43	2.33	2.91	1.64	1.24	2.467	
September	1.61	4.80	1.03	6.15	5.48	4.74	2.56	4.61	3.18	3.46	3.762	
October	3.02	6.91	3.71	6.10	7.55	4.78	3.26	8.66	2.89	4.79	5.197	
November	10.28	4.30	2.58	1.17	5.51	4.76	1.46	7.23	8.23	7.21	5.273	
December	4.46	8.00	2.22	8.24	3.77	5.50	3.91	4.56	2.74	5.35	4.875	
TOTALS	46.05	48.22	34.67	47.60	41.94	46.54	39.85	52.58	44.02	39.32	440.79	
	D.											

1933. Gauge moved 13th August 5yds. N.new Meteorological Pattern gauge installed 13th August 1933 in place of automatic one.

1936 Station visited in August & small leak found in g. wheel being repaired.

House 30 ft. high 25° N.W.

Wood 32 " 40 " S.W.

Tree 30 " 20 " N.E.

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
1936			Newton Stewart	1600 ft. S.		Minnigaff	340 ft. N.E.

Station No. 5012

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RAINFALL at Newton Stewart (Dunure)

County of Wigtownshire

Observer Maj-Gen Sir Keith Stewart, K.C.B.

River Basin N. Clee & Wigtown Bay

Lady Frances Stewart from Major Gen. Sir Keith Stewart (1945)

Type of Gauge M.O.

K.C.B.

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

File No.

Diameter	5"			633	337						
Height	1' 0"				1						
Altitude	125'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	0.96	7.81	6.60	4.26	3.30	6.18	5.75	7.25	3.36	3.12	
February	3.22	2.49	3.56	1.53	6.23	2.73	.53	2.89	3.23	4.67	
March	2.89	3.21	1.24	6.5	2.70	2.77	(5.59)	3.61	2.47	3.66	
April	1.63	2.00	2.73	2.44	2.02	1.35	5.62	1.53	4.17	3.15	
May	3.08	3.14	3.67	3.07	3.63	.79	4.83	1.85	1.43	2.09	
June	1.15	1.24	4.26	3.63	3.94	3.35	4.03	4.55	1.00	3.59	
July	4.02	4.10	2.45	3.78	3.35	3.35	4.23	3.72	2.24	3.71	
August	6.32	4.91	6.15	3.82	1.45	4.03	.12	4.80	3.87	6.72	
September	3.31	4.67	3.18	4.68	4.55	6.61	5.39	5.79	2.64	11.10	
October	5.16	4.74	7.68	6.30	5.68	1.13	1.61	5.61	6.45	4.60	
November	3.13	1.02	4.66	7.60	.40	7.69	7.23	4.47	6.35	3.24	
December	2.01	6.54	3.40	5.84	4.89	5.56	3.16	5.78	8.26	2.16	
TOTALS	36.88	45.87	49.58	47.60	42.14	45.54	48.09	51.85	45.47	51.81	
				D	D	D	D	D	D	D	

1947 March adjusted for snow

1000g

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. 5012

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RAINFALL at Newton Stewart (Dunrees)

County of Wigtown

Observer Major Gen Sir Keate Stewart, KCB

River Basin 4 - Gair & Wigtown Bay

Type of Gauge M.O.

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

File No.

Diameter ...	5"		633	337							
Height ...	1' 0"				1						
Altitude ...	125'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	4.73	4.07	2.25	4.71	4.23	4.03					
February	3.50	1.13	1.52	4.90	3.11	1.08					
March	3.38	3.62	.38	4.26	2.47	1.98					
April	1.99	2.23	1.88	1.62	-100	2.16					
May	2.08	2.00	2.17	2.90		1.68					
June	2.03	2.84	1.00	4.50		3.01					
July	2.62	2.12	5.08	4.42	-100	5.26					
August	1.34	2.76	3.25	3.56	1.55	6.68					
September	5.40	2.86	6.81	7.51	3.70	4.50	#				
October	0.84	4.65	5.19	8.86	2.74	-100					
November	9.14	3.13	6.56	8.95	3.71	-100					
December	7.27	4.97	5.15	7.26	5.94	-100					
TOTALS ...	5002	36.38	41.54	63.47	-100	-100					
	D	D	D	D	INC MP	inc MP					

1952 T. Sept.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference (254076.64) approximated

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
	C 1929	✓	✓	✓	✓