

## RAINFALL at Patna, County Fife.

County of Ayr.  
River Basin. Doon - 5.Observer Messrs J & H.V. Eaglesham, C.E.  
Wemyss Esq. C.E.

Rain Gauge, by \_\_\_\_\_

Diameter ...						II					
Height .....					I	0					
Altitude ...						743					
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...						4.90	6.00	3.00	2.68	3.72	
February ...						6.10	5.90	1.50	5.73	.44	
March .....						1.85	1.25	3.00	1.40	2.46	
April .....						3.40	3.90	1.90	.94	1.96	
May .....						1.15	3.90	3.30	2.32	.60	
June .....						1.10	2.20	3.60	1.48	6.95	
July .....						4.25	4.40	1.35	2.48	.85	
August .....						3.40	3.00	3.70	3.81	3.26	
September ..						2.20	2.05	4.30	6.60	5.92	
October ...						1.80	7.80	8.80	7.41	1.47	
November ..						1.70	5.50	8.42	5.80	4.37	
December...						5.20	7.60	4.40	4.95	7.80	
TOTALS ...						37.05	51.70	47.17	45.90	39.60	

1915 1 1/2 m. NNE of Patna in Dalrymple Parish.

1918 Toolhouse at 18 ft 100ft S.

Revised values for 1916 supplied by Mr Edinburgh: Nos. 7 figures are identical with those for Loch Fergus. 11/12/33

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1915	55° 23' 11" N	4° 29' 14" W	Patna	1 1/2 m	S SW	Patna	2 m	S SW

## RAINFALL at Patna Kense Filters

County of Ayer

Observer Mr. Gray Esq C.E.

River Basin Down - 5

Howard Rain Gauge, by

1932. Toolhouse - 18 ft high 100 ft S.

1935 " " " +3

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

*Reference No.*

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge
1920	55° 23' 11"	4° 29' 14"	Patna	1 1/2 mi S.S.W.	Patna	2 mi S.S.W.

## RAINFALL at Patna (Kense Ficaro)

County of Ayr.

Observer W. Gray, C.E. Eng.

River Basin 5 - Doon.

Type of Gauge

Annual Average 44.1 in. based on 14 years obs. unweighted. Period of average 1881-1938 Ref. 5

Diameter	11"										
Height	11 0"										
Altitude	743'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	5.21	6.84	4.00	5.08	2.14	3.05	6.35	5.75			
February	3.89	.04	3.24	4.48	4.81	1.00	4.44	1.28			
March	1.03	2.57	2.85	2.52	1.96	1.68	1.74	1.92			
April	1.32	3.18	2.03	2.54	3.01	.17	1.41	.30			
May	2.29	3.10	2.78	3.42	.81	1.89	1.25	1.14			
June	6.49	2.29	2.48	3.18	3.46	1.85	2.32	3.70			
July	4.28	4.52	3.57	1.94	1.55	5.80	4.56	4.29			
August	1.96	1.43	2.74	4.46	1.40	3.15	2.53	2.30			
September	1.22	5.57	1.02	5.10	4.72	3.83	2.02	3.63			
October	3.46	6.28	2.87	7.03	7.27	5.00	3.29	6.48			
November	7.61	3.71	2.10	.74	4.55	3.92	1.12	5.87			
December	4.25	7.43	1.09	6.03	2.42	4.81	1.12	1.66	#		
TOTALS	43.31	46.46	30.77	42.55	38.10	36.15	30.45	38.32			
	D.	D.									

1931. Toolhouse 18' high 43'S.

1938 No low.

Observations ended 1938

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
1931.			Patna	12m	S.S.W.	Patna	2m.	S.S.W.

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

## RAINFALL at PATNA (KERSE FILTERS) new 9.

County of AYR

Observer W. Gray Esq.

River Basin 5- Doon

Type of Gauge.....

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

Diameter .....										5"	
Height .....										1'	
Altitude .....										741'	
Year .....	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January .....											4.01 (200)
February .....											5.03 1.85
March .....											3.98 6.42
April .....											2.60 1.89
May .....											.78 1.82
June .....											2.57 1.48
July .....											4.58 5.57
August .....											2.00 3.24
September .....											3.03 7.70
October .....											2.08 5.25
November .....											7.58 9.98 5.69
December .....											3.76 2.47 6.37
TOTALS .....											imp 43.11 49.27

1938. Boundary Wall Gft - 100 ft S. &amp; E. of H.W.

Gauge is 290 ft in a north-easterly direction from old gauge.

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
1938.			Patna	1/2 m	S.S.W.	Patna	2 m S.S.W.

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

Station No.

525911

RAINFALL at

Patna (Kewe Filters) new g. 41

County of Ayr

Observer

W. Gray Esq.

River Basin 5-Dow.

T. W. de la Fosse.

Type of Gauge.

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

File No.

Diameter	5"				642	749					
Height	1' 0"						1				
Altitude	741'						44				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	0.91	5.62	5.79	5.97	4.47	6.17	4.34	8.06	7.08	4.28	
February	2.47	1.88	4.94	2.05	7.61	3.27	.25	3.36	5.14	4.33	
March	3.34	1.97	2.55	.66	2.96	2.91	2.57	4.50	2.92	3.30	
April	2.03	2.12	4.33	3.54	1.38	1.59	5.85	2.59	5.34	3.94	
May	3.95	2.53	3.55	3.37	4.06	0.91	4.31	1.41	1.95	1.78	
June	1.49	2.16	4.55	4.24	4.04	3.02	3.70	5.23	1.16	3.05	
July	5.59	4.09	2.45	2.32	3.61	4.56	4.03	4.31	2.43	5.01	
August	6.07	4.29	4.48	3.68	2.90	2.86	.35	5.75	4.60	5.52	
September	1.84	5.29	2.78	6.42	6.84	6.41	5.27	6.15	2.53	11.20	
October	4.72	7.06	8.72	4.85	4.57	.70	2.10	6.25	5.62	4.96	
November	3.84	1.38	3.33	4.02	.44	6.67	7.95	3.61	7.37	4.50	
December	2.87	7.03	2.84	6.80	3.76	4.62	3.70	6.03	9.60	1.96	
TOTALS	39.12	45.42	50.34	50.91	46.64	43.69	44.42	57.25	55.94	53.83	

1941 Boundary Wall, 6' high 100° S. 130° W.

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.
1941			Patna	1 1/2 m	SSW	Patna	2 m	SSW

BRITISH RAINFALL ORGANIZATION

Station No. ....

52591 ✓

## RAINFALL at

Patna (Keros. Filter)

51

County of Ayrshire

Observer J. W. Leslie Esq.

River Basin S-Door

Water and Drainage

Type of Gauge M.O.

Cylindrical

Annual Average..... in. based on..... years obs. un-weighted. Period of average..... Ref.....  
 " " 50.90 " " 19 13th Jan 1940-59. " " " (1946-50) " " " S.  
 File No. ....

Diameter ...	5"			642	749						
Height ...	1' 0"					1					
Altitude ...	741'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	4.49	5.86	3.50	5.16	3.63	3.55	5.33	4.54	1.58	4.39	
February	4.09	2.24	1.76	3.70	2.08	1.20	3.09	4.69	2.18	3.94	
March	4.03	1.89	0.80	3.24	1.24	2.45	4.44	1.04	2.66	1.92	
April	3.17	2.60	2.24	1.89	2.97	1.86	2.44	1.91	3.01	3.14	
May	2.50	1.89	2.33	2.86	3.16	2.42	2.35	3.29	1.46	1.59	
June	1.75	3.15	1.80	5.02	3.44	3.02	2.65	3.65	3.64	2.46	
July	4.01	4.07	5.84	6.06	1.89	6.06	5.97	5.48	6.57	3.73	
August	5.32	5.16	3.89	4.85	1.92	7.13	7.25	5.52	1.29	4.15	
September	3.79	3.88	7.06	7.16	6.36	4.34	3.99	4.76	2.15	3.31	
October	1.58	4.60	4.58	10.05	3.34	4.15	5.63	4.16	8.17	2.50	
November	1.98	3.04	7.81	7.80	3.03	2.31	2.52	2.12	5.15	7.70	
December	8.22	4.35	5.03	7.61	7.72	5.76	6.29	5.50	6.69	5.21	---
TOTALS ...	50.93	42.73	46.64	65.90	40.38	44.25	50.96	46.67	44.88	44.04	
	D	D	D	D	D	D	D	D	D	MP	

1951 Boundary wall 6', 100' + 130' SW respectively  
 1st Oct 1959 G. sound. Very open to N. A better site available in hollow 25° NW - Overlap record.

1961 Terminated w.e.f. 31/12/60

1960 MP check.

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference 26/425131

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge
1951			Patna	1 mile SSW	Patna	2 miles SSW

Summary of Earlier Records from 10-year Sheets : *Early and Second series*

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		C 1915 ✓	✓ ✓ ✓	C 1915 1916 1917 ✓ ✓ ✓	✓ ✓ ✓	✓ ✓ ✓
		V - 15, 16-19	✓	✓ ✓ ✓	✓ ✓ ✓	✓ ✓ ✓

## Air Ministry, Meteorological Office

Station No. 5259/2

RAINFALL at Patna (Kerse Filters) (New Site)

County of Ayrshire

Observer Water &amp; Drainage Engineer

River Basin S Doon

Type of Gauge M. O.

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

File No.

Diameter ...				642	750					5	
Height ...						1					
Altitude ...							51				
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...											4.73
February ...											5.00
March ...											2.02
April ...											3.57
May ...											1.72
June ...											2.66
July ...											4.05
August ...											4.31
September ...											3.54
October ...											2.56
November ...											8.35
December ...											5.69
TOTALS ...											48.20 0

1960 Print

Position of Station on Ordnance One-Inch map:			No. of Map	National Grid Reference (26)425131			
Date	Lat. N.	Long.	Railway Station	Distance from gauge	Direction	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 1960				