

RAINFALL AT Rescobie Pitcandy

Lat.

Lon.

County of

Forfar

Sect.-3.

Rain Gauge, by

Observer

W. F. Farquhar Esq.

Diameter		5"								5
Height		5 (0)								5 10
Altitude		280								280
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899 MEANS.
January				2.09	3.34	3.90	.69	1.78	1.25	3.60
February				3.57	5.61		.75	1.09	1.00	2.44
March60	1.35	{ 4.02	1.52	5.15	.67	1.33
April97	1.16	1.09	.65	1.48	5.97	3.01
May99	3.90	.63	.92	1.71	1.62	3.22
June				3.56	2.31	2.62	1.78	2.48	4.11	1.68
July				2.12	3.25	3.40	4.15	4.10	1.28	3.69
August				4.14	2.97	4.44	4.70	2.25	3.82	3.42
September ...				1.49	1.81	.63	.90	4.15	1.23	1.78
October				4.83	2.19	2.30	1.59	3.06	2.13	6.15 } 4.82
November ...				2.34	2.12	3.50	3.95	1.06	1.83	4.85
December59	2.22	1.91	4.25	7.20	4.26	2.00
TOTALS . . .				25.09	34.16	30.96	28.83	29.87	30.39	28.74 30.00

Rescobie Church 2 1/2 miles SE

House 1 Story 60 ft S

Gauge placed on wall, and rain carried to
 an underground receiver by a thin pipe,
 precaution being taken to prevent entrance of
 other water.

N.B. Annual values rejected from Survey Lab. 1929.

RAINFALL AT Rescobie Pitcandy

Lat.

Lon.

County of Forfar

Rain Gauge, by N & J

Observer W. F. Tonguebar Esq.

S. E. k - 3.

Diameter ..	5										MEANS.
Height	5 10										
Altitude ..	280										
Year	1900.	1901	1902	1903	1904	1905	1906	1907	1908	1909	
January ..	3.91	1.43	.90	3.35	1.45	.76	2.50	1.67	1.93	1.68	1.958
February ..	3.90	1.30	1.01	3.28	4.30	.82	.85 (1.59)	.59	.49	.49	1.813
March ..	1.61	1.67	.94	3.54	2.04	3.66	.84	1.26	3.54	4.18	2.328
April ..	1.52	2.66	3.02	1.67	2.27	1.97	.88	2.62	.44	3.23	2.028
May ..	1.80	2.02	1.46	1.54	1.70	2.03	5.05	3.87	1.66	2.80	2.393
June ..	2.07	1.44	1.60	1.19	.78	1.06	.74	4.52	1.31	1.18	1.584
July ..	2.95	2.05	2.46	(3.06)	.90	1.81	.90	2.51	1.66	1.94	2.027
August ..	3.40	4.50	2.70	4.58	5.10	3.60	4.16	3.12	.25	.82	3.223
September ..	1.61	1.85	1.37	3.16	2.00	1.18	.70	.98	3.65	.80	1.730
October ..	3.14	1.88	1.11	6.10	.84	1.32	(3.34)	4.24	3.26	3.08	2.831
November ..	3.38	1.32	4.97	.83	.24	7.17	(3.30)	2.41	1.75	.22	2.559
December ..	3.75	2.90	3.92	3.38	1.80	1.25	1.80	3.92	1.40	3.31	2.743
TOTALS ..	33.04	25.05	25.46	(35.68)	23.37	26.63	25.06	(32.71)	21.44?	23.73?	27.27

1906. Oct Nov distributed for purpose of averages 29.VI.11.

H. H. D.

1903 Rescobie Church 1 3/4 miles ESE

Clocksbury Station 1 1/16 - ESE

July record doubtful about 2 in short

1907 Feb. amount supplied by myself (omitted to count?)

1907 Bad. Observers says was away left observation to Weatherman & Ruff
They are not reliable.

1909. Short - not printed.

N.B. Annual values rejected from Surveyor's Report, 1929.

RAINFALL at Forfar, Pittscandly

County of Forfar

Observer W. T. Farquhar

River Basin South Esk &c. 3.

Rain Gauge, by N. & Z.

Diameter ...	5				5						
Height	5 10				1 9						
Altitude ...	280				300						
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	1.59	.87	4.55	4.63	1.62	2.82	1.75	2.46	2.03	2.10	
February ...	2.21	.65		1.44	3.65	6.42	2.57	1.32	2.00	2.25	
March	1.75	.79	{ 3.97	3.94	4.36	1.53	3.79	2.83	.96	2.03	
April	1.98	.81		2.94	.68	.39	1.71	.99	.80	2.32	
May	1.25	1.14	1.35	2.90	1.73	1.00	3.17	1.39	3.56	.95	
June	1.14	.59	2.00		.68	1.50	2.63	1.16	.65	1.00	
July	2.57	1.26?		.26	1.93	3.85	6.63	1.70	4.45	.86	
August	3.93	1.25	3.00	1.17	2.36	2.04	4.16	5.30	2.39	2.30	
September ..	.80	.70	1.70	2.33	.30	1.70	1.15	1.32	3.24	.96	
October ...	1.25	1.90	3.01	1.21	2.90	6.07	4.80	2.14	2.35	1.19	
November ..	3.04	3.02		1.54	4.26	2.17	5.32	3.15	2.35	4.50	
December ...	3.85	5.32	{ 5.45	.55	7.35	8.00	5.92	1.41	1.45	6.19	
TOTALS ...	25.36	18.30			32.02	37.49	43.60	25.17	26.23	36.53	
				?							

1910. Bad - not published.

1911. Small - not published. July & Aug. doubtful owing to stoppage in pipe of gauge.

1914. Moved 1.1.14, 500 yds N.E. Stands in large walled garden of over an acre, trees outside.

N.B. Annual values rejected from Survey Map. 1929.

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911.	56° 39' 70"	2° 7' 0"	Clockabrigg 1918 (1914)	1 $\frac{3}{4}$ mls. $\frac{3}{4}$ m	ESE. 12° S of E	Rescobie	1 $\frac{1}{2}$ m $\frac{1}{2}$ m	ESE. 30° S of E

RAINFALL at Forfar Pitcandy House

County of Forfar

Observer Mr. J. Farquhar Esq., late

River Basin South Esk & L. S.

F. W. Farquhar Esq. 1923.

(1928) Glaisher Rain Gauge, by N. 23.

J. T. Trewin (Nov. 1925.)

Diameter ...	5"		5"									
Height	1 9		1 6									1 8
Altitude ...	300		300									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929		MEAN
January ...	2.60	2.85	5.55	1.81	3.11	1.94	6.62	1.28		1.95		2.61
February ...	1.72	.56	3.19	8.05	1.31	4.61	5.14	2.19		2.39	3.16	1.65
March	2.53	2.41	1.75	1.53	.85	1.16	.90	2.37		.87		1.59
April.....	1.80	1.05	1.56	2.66	1.51	3.81	2.70	1.85	.86	1.21		2.24
May	3.50	2.77	.68	2.07	4.45	3.74	2.93	2.60	1.30	2.78		1.28
June	1.15	.61	1.02	0.82	1.40	.06	2.98	3.35	2.91	1.47		2.06
July	2.69	1.98	2.42	1.46	5.17	1.37	3.69	2.38	1.04	2.99		2.64
August	3.60	3.41	1.32	4.30	2.65	1.62	2.77	4.79	3.69	4.13		6.19
September...	1.40	.74	2.34	2.85	3.96	3.22	4.98	3.12	2.16	.85		5.50
October.....	4.43	1.85	1.09	2.70	4.43	2.14	3.75	6.89	3.90	3.15		2.50
November...	2.20	2.73	1.56	2.94	2.59	1.00	7.61	(2.50)	2.70	3.94		4.53
December...	3.90	1.32	1.95	3.59	4.48	2.00	.62	(2.50)	3.44	6.61		4.61
TOTALS...	31.52	22.28	24.43	34.81	35.91	26.67	44.69	(35.82)	(24.89)	32.11		37.40

1920 Gauge stands in large walled garden of over an acre, trees beyond

1923 For position of Pitcandy see O.S. 1" map, sheet 57. Pitcandy House is due W. of
main Pitcandy (Parish). Gauge is in garden behind house - i.e. on the 1st contour line
just W. of the P. in Pitcandy

1926 Conical holly tree 6 ft dia. at base 18 ft. high 24 ft to centre S.

N.B. annual values rejected from Survey 1924-1929.

Position of Station on reduced Ordnance Survey } No. of Map Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	56° 39' 70"	2° 7' 0"	Clockbearegg	3/4 mi	12 S 7 E	Pitcandy	1/2 mi	30° S of E
1926	56° 39' 43"	2° 50' 27"	Forfar	2 m.	W S W	Recochie	2 m.	E

RAINFALL at Torfar (Petescanay House)

County of Angus (Torfar)

Observer J.T. Ewen.

River Basin 3. South Esk &c.

Type of Gauge Glass

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

Diameter	5											
Height	1.8											
Altitude	300											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	3.64	2.32	2.87	1.84	1.90	5.31	6.08	4.51			3.06	
February	1.14	.17	(2.63)	.21	1.92	4.08	4.10	.75			2.36	
March	1.49	2.61	2.07	3.45	1.95	2.51	3.87	.46			2.72	
April	2.21	3.15	1.25	5.36	4.50	3.30	1.88	.22			1.64	
May	4.00	3.18	1.64	2.25	.92	1.38	2.10	4.10	1.18		.49	
June	5.13	.83	1.53	.83	3.21	1.25	1.60	3.65	.93		.28	
July	4.87	4.33	3.51	3.17	1.26	4.82	3.69	4.44	4.41		3.59	
August	3.08	.71	.78	5.06	1.32	1.47	2.95	3.16	2.47		.64	
September	1.36	2.91	1.45	3.36	3.71	3.01	1.10	2.69	.24		1.91	
October	.85	6.76	4.87	2.84	3.70	1.46	2.38	4.20	5.59		4.94	
November	6.28	1.42	3.25	.78	4.18	1.92	.65	4.90	6.35		6.24	
December	1.27	2.95	1.85	5.68	2.53	2.53	4.06	4.25	1.24		1.60	
TOTALS	35.32	31.34	(26.70)	34.83	31.10	30.04	34.46	37.33	Imp		29.47	

1931. Conical holly tree 18' high 24' S. Base of tree 6' diameter.

1940. Jan Feb apportioned

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
1931.			Torfar	2m.	WSW.	Peobrig	2m

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

RAINFALL at Torfar (Pitcairny House)

Station No.

5600

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County of Angus (Forfar) Observer J. T. Ewer Esq.
 River Basin 3 - South Ept. & C. Mr. Ewer (1945)
 Type of Gauge Glaisher per W. R. Blair

died Dec. 1942

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

File No.

Diameter	5"				857	220					
Height	1' 8"					1					
Altitude	300'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	4.88	4.63			(4.00)	2.26	4.45	6.11	1.18	1.72	
February	5.39	1.29			1.88	0.93	(4.51)	2.69	1.24	2.53	
March	0.84	2.25			0.60	2.48	3.75	1.14	1.39	1.95	
April	2.03	1.46			0.93	0.13	3.39	1.18	2.25	1.33	
May	2.14	3.32			4.63	1.68	4.49	3.24	2.12	1.16	
June	1.15	1.08			3.43	4.02	2.14	3.60	1.05	.67	
July	2.11	3.21			2.33	3.83	1.47	2.87	2.16	4.53	
August	3.22	3.10			4.11	4.14	0.20	7.67	2.75	4.37	
September	0.76	2.71			3.42	4.15	2.48	2.79	1.64	5.25	
October	3.64	1.91			4.72	0.44	1.80	3.29	3.38	1.32	
November	5.14	(6.65)			1.30	7.65	2.01	1.00	4.00	3.56	
December	1.02	(3.30)			5.75	3.42	1.63	4.13	2.00	1.24	
TOTALS	32.32	(28.91)	N.R.	N.R.	37.10	35.13	32.32	39.71	25.16	29.63	
	NP				D	D	D	D	D	D	

1941 Conical holly tree 18' high, Base 6 ft diameter 24 ft S.

1942. J. T. Ewer died Dec. 1942. Obs. ceased in Oct.

1942. Jun + Dec sold. np imp.

1947 Feb. adj. for snow.

Data computed for Survey 1943, on
years 1941-42, too low.

00034

Position of Station on reduced Ordnance Survey Map, } No. of Map Reference No. 32 486626
1 mile to 1 inch Series

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.
1941			Torfar Mts.	2 mi	WSW.	Reocbie	2 mi E.

Station No. 5660 ✓

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RAINFALL at Torfar (Pitcandy House)County of Angus (Torfar)Observer Mrs. EwenRiver Basin South Esk & - 3per W.R. Blair.Type of Gauge GlaisherP.G. Anderson Esq.

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

File No.

Diameter	<u>5.5"</u>				857	220					
Height	<u>1.8"</u>						1				
Altitude	<u>300'</u>						51				
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	4.13	1.53	0.31	1.69	1.77						
February	3.85	0.25	1.06	3.39	X	-100					
March	2.13	3.12	.26	2.35							
April	1.70	1.03	3.32	1.05							
May	1.68	2.67	2.07	4.06							
June	1.62	1.80	1.72	1.63							
July	2.91	2.16	4.09	2.67							
August	2.89	2.71	1.99	2.83							
September	1.53	.66	2.66	2.39							
October	.57	2.77	1.49	5.72							
November	9.95	2.29	2.84	6.24							
December	2.19	1.14	2.73	3.86	-100						
TOTALS	35.05	22.18	24.63	37.68	-100	Avg.					
	D	D	D	D							

1960 terminated. No records mid since '55

Position of Station on Ordnance One-Inch map :			No. of Map	National Grid Reference			
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
		10.4 np. 12.13 mph.	✓	✓ but inf. 1939	✓ NP 42- NR 43- 46-48-50	✓ NP 42- NR 43- 46-48-50
(62) Wt. 13072-389 10M 6/50 T.S. 841						