

# RAINFALL AT *Fort Augustine, St. Benedict*

Lat. ....

Lon. ....

 County of *East Inverness*

Rain Gauge, by

 Observer *Rev. W. M. Wall*
*ness, R. bank - b.*

Diameter ....					5						
Height .....					1.6						
Altitude ....					68π						
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....		18.88			7.49	3.25	4.52	5.87	(4.26)	3.23	4.750
February ....		18.88			4.40	6.97	1.46	5.45	1.53	4.08	4.277
March .....		17.62			2.76	2.70	2.13	1.76	(2.91)	2.86	3.274
April .....		9.05			.82	1.20	2.92	1.54	2.04	2.30	1.987
May .....		9.43			3.33	3.50	3.11	.99	2.83	.92	2.411
June .....		10.09			1.26	1.51	1.05	1.59	1.17	.78	1.745
July .....		13.14			3.24	1.11	3.15	4.35	3.81	1.41	3.021
August .....		12.28			2.15	1.69	1.86	2.23	3.43	6.26	2.990
September...		9.99			3.21	6.52	4.28	3.76	1.34	1.75	3.085
October ....		12.04			5.63	3.78	2.57	3.04	5.59	2.22	3.487
November...		26.52			6.03	2.91	4.41	3.30	7.80	2.76	5.373
December...		22.08			7.63	5.26	5.44	3.66	3.20	4.10	5.137
TOTALS ....		180.00	(50.00)		47.95	40.40	36.90	37.54	(39.91)	32.67	41.537

*computed from St. William  
+ Blenheim*

1884 Monday 50ft high 130ft S.W. & N.W.

Tower of do. 125ft - 130ft S.W. by W

1888 Record lost Mar 23 & Jan 21st Amount computed for Mar 23 but  
not for Jan 21st

# RAINFALL AT

Fort Augustus

Lat.  $57^{\circ} 8' 39''$

Lon.  $4^{\circ} 41'$

W. County of

E Inverness

Rain Gauge, by

Observer

H. J. Morton Esq. C.E.

less, R. bank - 6.

Diameter ....									5		
Height .....									10		
Altitude ....									98*		
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....									7.33	5.58	
February ....									7.17	2.45	
March .....									3.89	3.27	
April .....									2.90	4.36	
May .....									2.71	1.95	
June .....									2.11	2.44	
July .....									1.72	2.89	
August .....									4.53	5.54	
September....									4.26	6.79	
October .....									4.29	4.99	
November....									4.81	11.25	
December ....									13.49	3.08	
TOTALS ....									59.21	49.59	

# RAINFALL AT *Fort Augustus*

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

 County of *East Inverness*

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

 Observer *Rev E. G. Cody*
*new - 6.*
*Rev W. Wall*

Diameter ....	5										
Height .....	16										
Altitude ....	68										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	10.87	5.80	6.56	3.24	8.43	1.55	5.32	1.12	6.80	5.16	5.485
February ....	.66	3.99	1.96	5.53	11.91	.86	4.34	4.20	6.90	2.12	4.247
March .....	5.91	3.19	1.46	2.23	6.64	4.80	6.01	4.11	3.32	3.10	4.077
April .....	2.19	.76	1.38	1.61	.51	2.69	2.26	2.54	2.67	3.87	2.048
May .....	1.79	2.39	3.19	1.23	2.48	1.25	.89	2.86	2.20	2.05	2.033
June .....	3.87	1.88	2.36	1.26	1.95	4.11	2.80	2.71	1.76	1.33	2.403
July .....	4.74	4.11	2.90	3.08	3.77	3.45	2.09	2.51	1.66	2.61	3.092
August .....	3.16	5.13	4.84	3.29	5.47	5.06	2.61	3.49	3.74	.49	3.728
September....	3.43	6.83	6.85	5.05	.41	3.53	4.28	5.16	4.38	6.44	4.636
October .....	6.78	3.29	4.87	7.54	1.70	4.16	6.25	2.90	4.62	4.52	4.663
November....	5.27	2.78	5.03	4.37	5.35	6.28	1.47	3.38	3.97	8.05	4.595
December ....	.63	8.09	3.09	8.89	6.03	5.70	4.33	6.85	12.23	2.59	5.843
TOTALS ....	49.30	48.24	44.49	47.32	54.65	43.44	42.65	41.83	54.25	42.33	46.850

1890 Tower 125 ft high 130 ft W.S.W

1891 From Met. Office values. The amounts printed in the Reg. Gen Returns differ in 9 months, owing probably to entry to different day.



# RAINFALL AT Fort Augustus St. Benedict's

Lat. .... Lon. .... County of East Inverness

Sweden Rain Gauge, by Adolf Wedderburn Observer Rev C. von Dieckhoff  
Ness, R. Bank - 6.

Diameter ..	5										
Height ....	1 6										
Altitude ..	687										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	7.45	4.55	5.65	10.18	5.81	5.32	10.44	4.23	5.28	6.18	6.509
February ..	1.72	1.44	.88	10.50	3.04	5.65	4.71	5.66	5.22	1.84	4.066
March ....	.78	3.15	4.23	9.94	2.31	4.55	4.33	5.11	5.05	.77	4.022
April .....	3.72	2.36	1.70	1.67	7.00	1.58	2.54	2.19	1.42	1.90	2.608
May .....	1.79	1.72	3.10	2.79	3.73	2.62	2.66	2.56	2.36	3.15	2.648
June .....	2.10	2.72	1.23	2.85	2.54	.92	.57	4.01	2.91	.75	2.070
July .....	4.51	2.52	1.81	4.02	1.43	2.75	3.44	2.02	2.01	3.91	2.842
August ....	4.16	3.33	2.66	5.86	3.96	3.52	3.80	4.36	4.27	2.40	3.832
September..	3.59	1.78	2.31	3.23	3.76	3.40	2.36	1.38	5.59	1.69	2.909
October....	4.59	3.98	3.58	7.25	2.22	3.23	6.89	2.14	.91	7.80	4.259
November..	4.28	2.49	1.45	4.66	1.72	5.25	4.54	3.16	4.35	3.66	3.556
December..	11.81	6.92	6.93	3.03	6.78	4.82	5.30	5.14	4.56	3.39	5.868
TOTALS ..	50.50	36.96	35.63	65.98	44.30	43.61	51.58	41.96	43.93	37.44	45.189

1903 Fort Augustus Station 1/4 mile S.W.

lower 125 ft high 130 ft S.W.

abbey 50 . . . . .

1906 Boleston Church 10 miles N.E. (1/2 m) S.W.

1907 Sep 3<sup>rd</sup> old gauge replaced by New Sweden.

av 1884-93 4.255

1894-03 4.679  
 44.67

RAINFALL at

Fort Augustus, St. Benedict's

Inverness

Observer Rev. C. von Dieckhoff

Ness - right bank, tube. 6.

per S.M.S. 1918.

Rise Rain Gauge, by Adair Macdonald

Water ...	5										
Height ...	10										
Altitude ...	687						67				
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	7.23	3.02	2.47	3.05	3.98	4.31	12.19	3.43	3.41	3.12	
February ...	4.37	6.81	2.81	5.61	4.12	3.31	7.03	1.20	7.43	4.9	
March ...	2.72	3.13	4.02	6.77	2.19	1.63	1.81	3.20	.81	2.98	
April ...	6.15	3.01	4.09	2.76	3.47	4.52	3.35	1.57	.71		
May ...	3.52	1.94	1.78	2.57	4.21	.81	3.37	1.08	2.16		
June ...	1.27	1.94	3.76	3.72	1.46	.68	3.00	3.03	1.82	2.72	
July ...	3.12	1.76	2.45	1.39	1.42	3.01	3.76	1.83	4.25		
August ...	3.23	3.99	3.39	1.21	3.03	3.00	2.30	4.47	3.44		
September ...	.82	2.58	2.25	1.98	2.19	2.71	1.92	5.02	5.47		
October ...	1.76	2.21	4.85	3.31	.79	1.66	10.56	7.15	7.09		
November ...	4.07	8.91	6.23	7.32	8.01	2.69	5.92	8.46	5.57		
December ...	3.96	5.48	12.16	5.81	7.57	4.55	11.52	3.14	4.54		
TOTALS ...	42.22	44.78	50.26	45.50	42.44	32.88	59.73	43.58	46.70	(35.00) (X)	46.300

D D D

Ht. mm. D

1913 Down 125 ft high 119 ft 5 W  
 affy 30 119  
 20 25-50 NE

8 roughly est. for Lochaber table

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911			Fort Augustus	4 miles	W.	Boleskine	10 miles	NE.

RAINFALL at Fort Augustus, St. Benedict.County of InvernessObserver (The Provost) Jan 3 m. 8.River Basin Ness-Right bank tribs. 6(1926) M.O. Rain Gauge, by \_\_\_\_\_

Diameter ...	5"			5"							
Height .....	1 0			1 0							
Altitude ...	68			68							
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEAN.
January ...		8.39	3.16	8.23	3.25	(6.00)	7.52	8.18	12.08	1.09	9.73 (1.57)
February ...		1.13	6.20	3.54	1.59	(6.00)	3.80	1.57	9.65	.57	(2.10) 7.84 (1.40)
March .....		6.71	3.64	9.0	4.0	(3.50)	6.78	2.18	2.60	.76	(1.40) 1.26 (2.50)
April .....		(.93)	1.94	2.19	1.71	5.21	2.11	4.66	1.36	1.98	(2.50) 2.22 (3.90)
May .....	3.20	2.69	4.72	3.69	3.86	5.15	2.02	1.56	1.64	2.48	(3.90) 2.63 (2.20)
June .....	1.53	.33	1.76	2.10	2.43	1.24	1.87	2.93	3.44	2.40	(2.20) 1.99 (5.40)
July .....	3.55	2.90	3.24	2.83	4.08	2.17	2.62	2.28	3.36	2.93	(5.40) 2.84 (3.90)
August .....	3.57	2.87	2.80	5.23	3.95	2.52	3.85	4.93	3.78	4.05	(3.90) 3.15 (7.60)
September...	2.58	2.69	1.57	3.98	6.19	2.35	5.94	5.76	4.18	2.67	(7.60) 4.79 (5.20)
October .....	.92	5.81	2.71	7.31	(3.00)	2.30	4.47	5.68	6.79	7.30	(5.20) 4.72 (4.30)
November...	5.83	1.03	3.12	4.82	(3.00)	.79	5.67	5.34	6.51	6.17	(4.30) 4.72 (4.30)
December...	3.42	(7.50)	6.92	(5.32)	(9.50)	6.64	3.32	6.64	4.95	8.24	(4.30) 4.72 (4.30)
TOTALS...		(42.93)	41.78	48.14	(42.96)	(43.97)	49.97	45.71	60.34	40.64	(47.70) 47.70 (47.70)

1924. Apr. - July etc. Data coll. from map

1924. Oct - Dec. coll. from map.

1925. Jan. - March " " Obs. no interrupted.

Note. The record from Feb 1920 was found to be too low presumably owing to a leak. The annual total was computed by reference to the annual percentage map & the monthly totals were adjusted by use of the actual record.

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	Direction	Parish Church.	Distance from gauge	Direction
1926.			Fort Augustus	1/4 mi	W	Doleskine Abbey	10 mi 100 yds.	N.E. W





Station No. M.W.R. 5702RAINFALL at Fort Augustus (Abbey)

41

County of Inverness Observer The ProcuratorRiver Basin 6-New-Right BankType of Gauge M.O.Annual Average 44.7 in. based on 49 years obs. un-weighted. Period of average 1881-1915 Ref. Dr. W. Sheel

File No.

Diameter	5"			800	399						
Height	1' 1"				1		1'				
Altitude	68'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	0.49	3.61	4.55	8.33	4.34	5.39	3.61	3.66			
February	4.19	2.40	6.56	3.32	6.35	4.11	0.04	4.68			
March	1.66	.92	5.07	2.09	4.73	1.97	1.73	-100			
April	2.25	1.37	5.08	2.41	1.12	1.53	8.65				
May	1.82	2.18	3.24	4.40	3.83	1.47	2.11				
June	.84	2.19	4.79	4.57	3.59	3.47	3.69				
July	3.22	2.23	2.90	2.20	1.31	5.51	2.79				
August	5.02	4.84	3.79	2.54	1.75	2.66	0.02				
September	1.74	6.04	3.20	3.21	4.14	5.45	(6.14)				
October	4.72	7.56	8.00	5.38	2.84	.29	(2.40)				
November	6.10	1.82	3.74	6.31	.49	3.02	8.54				
December	5.88	7.65	3.46	5.64	4.16	4.09	2.62	-100			
TOTALS	37.93	42.81	54.38	50.70	38.65	38.96?	42.34	-100			

1946. Print with query.

00144

Inspected 24.10.47. Rainfall observations will be of little value unless trees are drastically cut.  
 back in gauge which observer will have repaired. Res. cad.  
 1947 N.P. Lond. Sept. 20.47 adj. with ref. surrounding stations.  
 20.6.48. No reply to letter about improvements to site.

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.

BRITISH RAINFALL ORGANIZATION



RAINFALL at Fort Augustus (Abbey) (St Benedict's) Station No. 5702

51

County of MunsterObserver The ProcuratorRiver Basin 6 - near Right BankType of Gauge M.OAnnual Average 44.2 in. based on 32 years obs. un-weighted. Period of average 1881-1915 Ref. A.W.S.

47.5

File No.

Diameter ...	5"				800	399					
Height ...	1' 0"					1					
Altitude ...	68'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	5.82	3.20	4.56	2.98	4.00	8.29	3.81	3.04	3.22		
February ...	2.52	3.75	2.64	3.71	2.76	3.70	1.69	2.40	2.81		
March ...	2.57	1.96	2.46	1.21	2.40	3.66	1.24	2.36	.82		
April ...	1.82	3.30	1.70	1.69	2.60	1.20	2.94	3.90	3.60		
May ...	1.87	4.20	4.34	3.11	3.82	1.13	4.20	1.43	1.12		
June ...	2.40	2.90	2.21	1.46	2.10	2.16	1.89	3.31	2.81		
July ...	2.58	3.29	2.32	0.19	4.10	4.14	2.61	3.44	2.31		
August ...	4.86	3.56	3.01	.60	5.41	4.72	3.93	2.54	4.97		
September ...	4.01	4.29	4.41	6.07	5.14	2.97	3.77	0.97	3.05		
October ...	5.86	1.90	3.74	4.64	4.98	5.18	6.24	6.69	1.34		
November ...	2.93	7.69	4.96	.78	3.93	1.91	1.21	6.04	3.54		
December ...	4.85	5.83	10.28	8.15	9.20	5.87	4.67	6.49	5.98		
TOTALS ...	42.09	45.92	51.63	33.49	50.44	44.93	38.20	42.61	35.57		
	D	D	D	D	D	D	D	D	D		

Observed was disturbed as the water was rising. Drop in Thomson 256.53. 3. started by the on E (left) side. More suggested 20' W. Site will be good + relation to top + valley will be near the road. Dam area surrounded by shelter belt - Revised 4/7/53.  
 Ins. Oct. 1956. Mr. Thomson. Site badly disturbed particularly to W & SW. Gauge to be moved 50 yards north where exp. reasonable except for type of spires, elev 30'; to SW ~ W. Gauge was moved Nov 1956.  
 No. 6.5.59 very poor but wet & tight - new one needed. Site o/s by spire elev. 31° 60' S, Spire 50° WSW - Ext. available

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 28/387091

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