## 80 pl + S Level

											12/
YEAR	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	MEANS
January							.05	1.35	.40	.42.	
February									.25	/	
March									.64		
April							-		.94		
May									2.37	7	
June									1.99	The state of	
July							100		1.88		
August							1	11	3.66		
September -								/	2.03		
October							-		3.58		
November -				-37				/	2.92		
December -			100						1.85		
Totals -									22.51	The state of	

6-8 Tyme 7-76 leb Trans

Im W of Sea.

Fred & Moore

YEAR	1860	1861	1862	1863	1864	1865	1866	1867	1868	1860	MEANS
January						1.06					
February						.70					
March					,	.96					
April						1.02					
May						5.06					
June						,55					
July						2.18			The same of the same of		
August						4.25					
September -						.32		300			
October				3.12							
November -						3.13				A CONTRACTOR	
December -						1.42					
TOTALS -		1		21.83							

I about 1 on from the see a then plantation about 40,2 distrit Returns go back some years but De grey has no confidence in them before 1063,

Up to Och: 1065 the g. was a 12" float with its mouth 4 ft above. The ground, outside the garden, with a thin belt of bree 120 ft off in N to E and a high garden will 35 ft to the W of it.

In New 1865 and thenceforward an Die Not y was partly such in the garden, surrounded by more to present splashing - walls to N & B distant about 55 ft - the gauges agree.

#### RAINFALL AT Howick

Diameter	.0								,		
Height	.10										
Altitude	121.							,			
YEAR		1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS
January	1.74	.94	2.85	1.24	1.59	2.99	.67	3.53	3.34	1.59	2.04
February											
March											
April											
May											
June											
July											
August	1.00	1.33	2.63	2.75	3.17	1:70	2.41	6.89	5.16	3.63	3.06
September											
October											
November	3.47	1.28	4.04	1.86	4.07	4.24	4:55	2.04	5.54	3.06	3-41.
December	5.39	1.88	4.07	.97	400	2.06	8.13	1.00	4.48	1.14	3.4-1

1871 Jange about I mile w from the See \$10 yards 5 g a wall 10 ft high 14 yd W from a wall 10 ft high 40 gh. 5 & 80 yds W from a then belt of decidaries trees

Howich church 500 gds E.S.E.

RAINFALL AT Howick Hall

3592

Country of North unto ex Lat. Observer Olt An Earl Grey IT Rain Gauge, by Coquett 5 Diameter .... Height ..... Altitude .... 2/7 Year ..... 1880 1881 1882 1883 1884 1885 1886 1887 1888 1889 MEANS. 51 1.63 .62 1.93 3.30 1.02 2.32 1.45 1.24 1.27 1.529 February .... 1.99 3.15 .76 2.46 1 22 1.22 1.08 .34 1.28 1.01 1.451 March ..... 2.01 2.99 1. 64 2.36 2.63 1.67 3.08 1.67 3.18 2.42 2.365 April ..... 1.22 1.17 3.48 1.25 1.80 2:40 1.36 1.48 2.63 1.762 .83 May ...... 1.48 2.38 2.03 1.57 1.13 3.08 3.18 1.60 .97 2.46 June ...... 1.55 1.44 4.21 2.80 84 174 1:51 .25 2.44 .58 1-676 July ..... 3.05 3.22 3.16 4.61 3.33 1.58 3.65 2.75 4.60 3.06 3.301 74 6.29 2.75 1.73 .78 1.81 1.08 1.80 1.78 3.74 2.250 September .... 4.94 5.29 1.02 3.47 1.99 3.43 2.46 5.40 1.55 October..... 3.66 3.09 3 50 1.94 1.66 3.41 14.32 2.18 .93 3.96 4.02 3.01 3.25 1.57 1.91 1.76 3 47 2.75 4.50 December ... 3.63 2.66 4.36 2.02 2.12 83 3.71 3.42 1-44 2.00 TOTALS .... 28-80 36 32 30 78 27 71 22-71 23-35 31 22 24.44 25-39 25-38 27-610

1880. Howick 500 yards S.E Wall 10ft high 30ft N " 10ft " 42ft E

# RAINFALL AT Howick Hall

Lat.	LINE			Lon.		Co	unty of	nou	lumi	Perla	ud
Coquett	5	Rain C	lauge, by			Obser	cer R	Hon !	Parl &	rey K	g. Sugar
Diameter	8									GeoH. O	charge.
Height	0 10										
Altitude	121 /										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	1.82	-83	1.43	1.66	1.91	4.89	1.39	2.36	-61	2.33	1. 92.
February	1.40			2.77							
March	2-38	10 Telephone (100)	1.54						1.39		
April	-53	1	.93						3.15		The Landing
May	1.99	./	2.88						1.97		
June	3.03			1.52							
July	2.02		1.58						.65		
August	5.82	4.61							1.71		ALC: NO PERSON NAMED IN COLUMN TO PERSON NAM
September	3.02	3.06							.53		
October	2-13		524				100		4-01		
November	3.92			2.34				100000000000000000000000000000000000000			
December				1.32							
Totals	29.52	25-77	28.19	20.62	25 55	32.90	30.69	27.68	20.58	27.51	26.90

1890 Howich Church 500 yands SE Wall 10 fthift 30 4 42 ft N+E

#### RAINFALL AT Howik Hall

п	AIN	FALI	ı AT		Your						
La	t			Lon		0	County of	North	umb.	erlan	L
		Rais	Gauge, l	by		Obs	erver R	1- Har	Earl	Grey	
Cognet	-5.				4 . 10			ges H	achro	nd I	Montro
Diameter	8										
Height	0 10										
Altitude	121 不										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January	3.00	1.75	1.19	2.62	2.25	67	2, 3 3	1.6=	1.54	1.2.2	1.999
February		1 10 10 10 10 10 10 10 10 10 10 10 10 10				500 000	1			2.08	
March				/						5.83	
April										3.06	
May										2.38	
June										1.85	
July										3.42	
August										3./0	
September					1.24					238	
October									2.03	2.66	3.753
November :.										1.29	
December										3.54	
Totals	36.10	28.15	25.77	36.63	28.60	25.34	31.22	28.28	23.98	32.81	29.689

1900 Howick Church 500 yands 5.E.

Sandentsalls 10 M high 30 to 42 ft NYE.

1903 Little Millbatton 1/2 mile W.

1909 Trees 60.80 p high 40-80 gards N.W.

### RAINFALL at Howick Hall

country of Northumberland observer R. Hrn Earl Grey G. Comf River Basin Coquet + C 5

Rain Gauge, by.

John Wright (19)

Diameter	8										
Height	0.10										
Altitude	121 1										
Year	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	Means.
anuary	2.78	247	3.56	3.57	(169)	3.02	1.18	2.44	350	3.81	
February											
March	1000			A CONTRACTOR				STATE OF STREET		72000000000	
April	1.56	1.44	. 18	3-37	( .65)	-78	.74	2.50	250	1.51	
May						Maria Control	922705T-27	ACRES AND	132 THE	1	
June	1.25	6.09	5.40	1.77	(297)	1.05	3.16	.82	.40	.69	
July					NO. 2010/09/01		THE SHALL SHALL BE SHALL BE		N/2/2016 TO THE	11000000000	
August	la la la	100000000000000000000000000000000000000				Committee of the	There's complete		B 28 15 CC 15		
September	1.51	2:33	2.92	2.30	(104)	2.15	249	1.10	5.10	1.92	
October	3.08	3.62	3.42	1.61	(2.50)	2.13	3.42	2.57	3.20	4.11	
November	1722 E. S. S. C.		The second second	A STATE OF THE PARTY OF THE PAR	The second second	10000000000000000000000000000000000000	3.18	1.81	1-00	4.41	
December	2.31	3.79	1.10	1.74	(3.95)	5.21	4.29	1.86	2.20	4.01	
Totals	28.31	20.72	35.62	21.87	NR	30.26	34:43	25.40	NR	28.60	

1913 Worlds 10 fr high 10-14 ga

19147 Roshputed from almurale Coshle. 19 18)

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church,	Distance.	Direction
1911			Little mill	15 mi	MNM	Sthrichaels 3	500-400	22.

3592

### RAINFALL at Howich Hall Gardens

County of Northumberland	Observer Mr. John Muight - (Gehn. to Earl hey
River Basin Coquet + C 5	B. Woodman
GLAISHER Rain Gauge, by	

Diameter	8						16					
Height	0. 10											
Altitude	120							12.1	-			
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MISANO.	
January	1.94	3.96	1.80	1.50	2.41	1.54	3.70	2.13	3.78	2.37	2.68	2
February	1.17	.18	280				2.87		.85		1.15	2
March	3.29	-84	1-80			-	. 33		3.46		2.11	1
April	2.16	.45	240				1.96		1.77	1.37	1.89	12
May		1.53					2.42		.84		1.05	2
June	- 1	.72	- 1000	- 1		The second	2.81				1.00	12
July		2.59					4.36				521	3
August	1	5.36					2.85				470	3
September											8.23	3
October										2.90		3
November										3.86		1
December	and the same of th										3.78	1
TOTALS												1

1920 Wall 1040 kigh 10 yda & + 14 yda E.
1926. Iraca 70-50. 30. N. N. N. N. N. N. Wildings 2040 high, 204 de E.

1922 roughly computed for armedy in

martes for Orshite/h

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge
1920			Little mill	1/2 mi SW	Howiek	5007da SIE

#### RAINFALL at Howick Hall Gardens,

county of Northumberland	Observer The Rt. Hon Earl Grey,
River Basin Coquet & C - 5	
Type of Gauge Glaicher.	

Diameter	8.			t i				10	8		
Height	0.10.			9					10		
Altitude we had	121.			120				112	110		
Year 32	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January 3:20	3.24	1.25	1.88	1.73	1.81	4.26	3.23	2.59	5:23	2.35	275
February 2.00	1.50	. 56	2.51	.42	134	3.11	3.38	.70	1-10	2.38	1699
March 3.10	82	3.04	1.18	3.01	1.55	2.44	5.07	. 63	2.27	3.34	2333
April 430	3.17	1.88	2.28	5.71	4.05	. 98	1.84	. 21	1.09	.73	219
May 550	2.97	4.06	1.30	1.18	1.73	1.43	2.42	2.08	1.06	.76	1898
June 430	3.39	1.19	1.10	2.39	2.56	2.59	1.94	2.82	2-16	.85	2098
July 670	2.14	2.99	2.20	1.98	106	2.92	2.06	2.61	2.83	7.42	
August 3.60	3.56	2.21	1.99	3.16	292	1.45	3.15	2.63	1-12	1.28	233
September .630	2.64	3.94	1.56	1.63	2.91	3.34	1.50	2.52	2.27	2.74	250
October 420	1.68	4.87	4.38	3.81	3:56	1.65	3.05	3.76	3.31	2.62	326
November .430	4.47	.99	298	3.12	3:34	2.78	1.55	2-66	2.28	3.97	281
December 230	1.72	1.35	1.76	4:31	3'11	1.51	5.88	3-62	1.78	2.43	
TOTALSSUED)	31.30	28.31	24.52	32.45	2994	28.46	35.07	26.63	26.50	30.87	28620

1931. Wall 12 high 30'N. Wall 12' high 20'E. Belt of hees 50'N. \* 1932. Comment total & too king.

1934 Belt of trees 40 4do N.

1936 Wall to high som, wall to high 42° d. The south & The worth we had we had no workingh to your N.

1938 Wall 10' high 14 yes W. while 10' high 18 yes of.

en my dather 3592/8

Date.	Lat. N.	Long.	Railway Station,	Distance Direction from gauge	Parish Church	Distance Direction from gauge		
1931.			Little mill	Im N.W.	Howiok	400 ydo. S.E.		

RAD	NFA	LL a	t				Hall	Gar	dens.		
County	of N	orthu	mberla	Land		Observer	The	Rk	Hon	Earl.	Grey
					5						0 0
Type of	Gauge		glaish								
nual Average	28:2.in.	based on	.35year	s obs. un	-weighted	. Period	of avera				Q .
					-		70	File No	236.	894/33	
Diameter	- 8"		001	525							
Height	1 0			1							
Altitude	110'			41							100
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means-
January	2.87	3.23	3.40	1.00	4.75	1.17	2.74	7.86	1.03	1.54	2959
February	4.91	2.54	.72	1-64	1.62	.68	2.80	1.28	.81	3.53	2053
March	2.79	-80	-82	.81	-38	1.21	5.09	36	1.68	.78	1434
April	.74	77	1.37	2.83	1.54	.92	3.82	271	.85	2.81	1836
May	1-61	2.47	2.99	2.84	394	2.35	1.94	1.39	.63	1.43	2159
June	-28	1.66	1.37	2.61	2.53	2.17	1.80	402	.97	1:58	1899
July	1.85	5.29	1.69	2.39	1.87	3.18	4.45	84	1.82	3.21	2659
August	3.61	2.75	3.81	2.14	3.86	6.22	./1	4.90	2.08	3.63	3617
September	.74	2.96	2.83	4.98	2.24	2.90	1.58	226	1.03	3.39	2491
October	4.15	2.23	2.16	2.97	2.98	.99	.80	2.19	696	1.21	zlobb
November	3-26	79	2.85	4-22	84	4.17	2.84	1.41	3.08	5.85	2931
December	.54	1.86	1.01	2.10	2:37	3.06	1.76	2.45	2.48	2.77	2040
TOTALS	27:35 D	a 7:35	25·10	30·53 P	28.92 P		29.73 29.35	3467	23·42 D	31.73 D	28744
							Mapoh amended	1			
							by Plood to	est.	3	-	
											253

Position of Station on reduced Ordnance Survey Map, No. of Map.

1 mile to 1 inch Series Reference No.

Distance Direction Distance Direction

Date.	Lat. N.	Long.	Rallway Station.	from gauge	Parish Churen.	from gauge.
			4.4.3.5	and the same of		

.m. Form 1905.	Air wilnistr	y, wieteorologic	ai Office.
		. 0	Station No. 3592 m
RAINEA	II at Hay	sel Stall Garde	51

County of Northern burland Observer The At then Earl Gray River Basin Gognet 4 6 - 5 Type of Gauge Glassher

Annual Average 2 2 in based on 35 years obs. We-weighted. Period of average... 29.56 " " " " 1916-1950

	_/					.,			Fue.	NOA.	100.77	
Diameter		8"		001	525	-						
Height		1' 0"			1		1					
Altitude		110'			51							
Year		1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Totalo
January		2.80	2.19	1-14	2.59	1.83	4.04	2.49	2.82	3.56	3.93	27.39
February		2.73	1.01	1-24	2.69	2.84	1.77	2.80	2.95	.24	3-19	21.46
March		3.54	1.86	.13	1.41	1.68	92	1.95	3.52	٠٦٩	1.74	17.54
April			1.23	a.57	.40	.81	1.15	. 36	1.91	2.34	0.70	14.65
Мау		3.25	1.81	1-77	2.68	1.70	-37	1.95	5.63	.53	1.91	18.60
June		1.74	2.22	2.37	1.62	1.48	1-31				1.34	
July		2.17	1.65	3-44	2.01	1.09	3.21				3.47	
August		3-61	2.43	2.79	5.44	.58	7.74				2.74	
September		.93	3.47	1.85	2.75	.78	2.66	2.40	2.15	1.04	2.32	20.35
October		.76	3.40	1-49	3.97	2.50	1.65	1.68	1.52	1.73	6:31	25.01
November		6.56	3.71	1.25	3.28	1.80	1.35	1.44	.55	5.75	(3.22)	28.9
December		1.27	4.66	•98	1.49	4.01	2.61	2.06	3.67	4.52	2.15	27.15
Totals		32.54	29.64	21-02	30.33	21.10	28.78	25.99	29.68	24.65	33-02	276.7

00024

Position of Station	National Grid Reference	e NU(46) 247175				
Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
The second						

1916-1950, P-accepted Summary of Earlier Records from 10-year Sheets:

1951-60 1920-30 1931-40 1941-50 Record D, or d C1863 1920-21, 23-30 1910-13, 15-17,19