

File 0072


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NEW ZEALAND METEOROLOGICAL SERVICE

TECHNICAL INFORMATION CIRCULAR NO. 127

EXTREME WIND GUSTS

The table of Extreme Wind Gusts recorded in New Zealand was recently revised and is circulated for general information.

  
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1 October 1968

NEW ZEALAND METEOROLOGICAL SERVICE

DEPARTMENT OF CIVIL AVIATION

EXTREME WIND GUSTS

TABLE OF HIGHEST GUSTS RECORDED

Station	Period	Highest Gust M.P.H.	Direction Degrees from N	Date of Occurrence
Waipapakauri	1942-48	74	050	21 Feb. 1944
Kaitaia	1950-	110	080	14 Mar. 1959
Waikohu	1954-61	80	090	14 Mar. 1959
Kerikeri	1964-66	69	230	26 Apr. 1966
Whangarei (Onerahi)	1954-	76	100	14 Mar. 1959
Marsden Pt., Whangarei	1961-62	71	090	2 Mar. 1962
<b>Auckland</b>				
Whenuapai	1941-	72	270	18 Nov. 1944
Hobsonville	1930-41	66	080	26 Mar. 1936
Training College	1942-44	67	300	18 Nov. 1944
Mechanics Bay	1939-63	73	270	18 Nov. 1944
Mangere	1939-50	68twice	060, 230	14.1.40, 8.6.44
International Airport	1962-	71	260	3 Feb. 1967
Airways Building	1962-	69	240	10 Apr. 1968
Ardmore	1945-49	63	250	28 May 1945
Tauranga	1942-	67	270	27 May 1945
Rukuhia, Hamilton	1945-54	74	220	27 May 1945
<b>Rotorua</b>				
Whakarewarewa Aero.	1939-55	64	050	14 Jan. 1940
Rotokawa Aerodrome	1965-	62	020	10 Apr. 1968
Hinemoa Point	1951-57	54	060	13 Aug. 1953
Whakatane	1959-	91	080	10 Apr. 1968
Wairakei	1963-66	75	200	31 May 1966
Gisborne	1942-	88	050	10 Apr. 1968
Wairoa	1954-57	67	180	14 July 1955
Napier	1948-	71	280	27 July 1957
New Plymouth Aerodrome	1939-	89	170	18 Aug. 1947
New Plymouth, Port	1966-	88	-	9 Sep. 1966
Ohakune	1961-65	69	010	28 July 1961
Wanganui	1954-	96	210	10 Apr. 1968
Ohakea	1939-	97	270	10 Apr. 1968
Dannevirke	1961-64	85	280	15 Apr. 1962
Milson, Palmerston North	1940-51	70three times	310, 300, 240	29.12.65, 1.12.6 10.4.68
Shannon	1937-46	84	130	26 Aug. 1942
Levin	1942-43	76	300	24 Sep. 1942
Masterton	1956-59	92	300	25 Nov. 1957
Paraparaumu	1937-39, 46-	107	210	10 Apr. 1968
Gracefield, Lower Hutt	1960-	113	210	10 Apr. 1968

Station	Period	Highest Gust M.P.H.	Direction Degrees from N	Date of Occurrence
<b>Wellington</b>				
Colonial Knob (Elev. 1525')	1962-66	108	---	2 Oct. 1965
Tinakori Hill (Elev. 985')	1912-18	124	---	13 Sep. 1916
Kelburn (Elev. 410')	1928-	123	210	10 Apr. 1968
Evans Bay	1952-56	95	350	14 Jun. 1955
Hawkins Hill (Elev. 1500')	1959-	154	twice	6.11.59, 4.7.62
Rongotai	1930-37	88	---	2 May 1936
Wellington Airport	1959-	116	210	10 Apr. 1968
Moa Point	1938-53	112	315	20 Sep. 1951
Baring Head	1944-46	93	340	29 Oct. 1944
Oteranga Bay (Elev. 570')	1965-	168	220	10 Apr. 1968
Gracefield	1960-	113	210	10 Apr. 1968
Nelson	1940-	94	060	22 Feb. 1944
Woodbourne, Blenheim	1941	70	330	29 Oct. 1944
Lake Grassmere	1962-	96	180	10 Apr. 1968
Kaikoura	1964-	93	230	26 Apr. 1965
Westport	1948-	80	150	14 Aug. 1954
Hokitika	1944-	78	020	19 Mar. 1949
Christchurch Airport	1942-	86	320	7 Jul. 1949
Wigram, Christchurch	1930	90	300	13 Jul. 1945
Taumutu, Lake Elles- mere	1950-62	91	200	11 Apr. 1953
Ashburton	1943-45, 48-54	81	320	20 Aug. 1950
Levels, Timaru	1953-55, 56-	77	270	24 Jan. 1963
Mt. John (Elev. 3367')	1967-	117	320	25 Apr. 1967
Alexandra	1948-50	76	350	1 Nov. 1948
Oamaru Aerodrome	1944-46	66	220	30 Jun. 1944
Aviemore	1965-	97	---	2 Feb. 1966
Taieri	1940-	80	250	11 Apr. 1953
Momona	1953-59	77	twice	3.1.55, 8.4.55
Dunedin Airport	1962-	77	230	19 Nov. 1962
Gore	1960-64	66	310	15 Nov. 1961
Invercargill	1942-48, 50-	88	250	20 Sep. 1951
Bluff	1954-55	85	270	1 Dec. 1954
Apia, Samoa	1927-	94	310	29 Jan. 1966
Nandi, Fiji	1954-	99	020	9 Feb. 1965
Rarotonga	1957-	93	220	18 Dec. 1967
Norfolk Island	1943-48	73	050	25 May 1944
Raoul Island	1940-43	91	320	6 Jun. 1941
Chatham Island	1956-59	71	240	28 Jul. 1956
Campbell Island	1964-	113	260, 260	9.6.65, 22.10.66

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