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WATER & SOIL

MISCELLANEOUS PUBLICATION

No. 9

**INDEX TO HYDROLOGICAL
RECORDING STATIONS
IN NEW ZEALAND 1979**



**NATIONAL WATER AND SOIL
CONSERVATION ORGANISATION**

ISSN 0110-4705

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**INDEX TO
HYDROLOGICAL RECORDING
STATIONS IN NEW ZEALAND 1979**

Compiled by staff of the
Christchurch Science Centre
Water and Soil Division
Ministry of Works and Development

WELLINGTON 1979

Index to hydrological recording stations in New Zealand 1979

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Water and Soil Division, Ministry of Works and Development

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The index lists information on automatic recorders operating within New Zealand at 1 January 1979, in three sections: 1—River, lake, and tidal stations equipped with automatic water-level recording instruments; 2—Automatic rainfall recorders other than those operated by the NZ Meteorological Service; 3—Automatic recorders on groundwater bores.

The list gives full location details; recorder type; operating authority; length of record; whether filed on TIDEDA; and some additional relevant information.

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INTRODUCTION

The National Water and Soil Conservation Authority, together with its two councils (Water Resources Council, and Soil Conservation and Rivers Control Council), has responsibilities for guiding and overseeing any hydrological research and survey activities necessary for fulfilling its statutory functions. Part of these responsibilities is to ensure that not only are hydrological data collected but that proper records are maintained.

The purpose of this publication is to place on record the locations of all automatic streamflow, rainfall, and groundwater recorders operating within New Zealand at 1 January 1979. It supersedes *Water & Soil Miscellaneous Publication No. 7* which listed only the automatic river, lake, and tidal recorders operating at 1 January 1978. It will be amended and updated periodically.

The index lists the information in three sections:

- 1 river, lake, and tidal stations equipped with automatic water-level recording instruments;
- 2 automatic rainfall recorders, other than those operated by the NZ Meteorological Service;
- 3 automatic recorders on groundwater bores.

The index also includes closed stations for which important and good quality data are available, in most cases more than five years' data.

For convenience the entries in each section are arranged in seven groups corresponding to the Ministry of Works and Development district in which they are located. Within each works district listing, the entries are arranged by site number — the

reference number for access to data filed in the Ministry of Works and Development TIDEDA system of hydrological data storage.

Users of hydrological data should in the first instance contact either the organisation operating the station of interest, or the District Commissioner of Works ("Attention District Water and Soil Officer") in whose area the site lies. (Note that although Manawatu Catchment Board stations are listed in the works district in which they lie, all data for these are filed through and are accessible from the District Commissioner of Works, Wanganui.) The District Commissioner of Works will be pleased to assist and will be able to advise on the most suitable manner in which the information can be obtained. It will be of assistance if both the name and site number of a station are quoted when seeking data.

Reference to "Filed Data List of Water and Soil Division" (Volume 15, March 1979), compiled by the Water and Soil Division, Head Office, Ministry of Works and Development, Wellington, will indicate the status and availability of data from the computer system. However, many of the stations listed in this index do not have data filed in the TIDEDA system.

This index has been compiled by staff of the Christchurch Science Centre, Water and Soil Division, with assistance from all catchment authorities and other agencies operating water level recording stations. The National Water and Soil Conservation Organisation thanks the many individuals and organisations who by supplying information have assisted with the compilation of this index.

ABBREVIATIONS

DOMINANT GEOLOGY

Abbreviations	Generalised Group Name	NZ Land Resource Survey Rock Types *	
		North Island	South Island
As	Ash	Kt Kaharoa and Taupo ashes Lp Lapilli Mo Ashes older than Taupo ash Ng Ngaruruhoe ash Rm Rotomahana ash Ta Tarawera ash and lapilli	Tb Basic-intermediate ash
Gr	Gravel	Al Undifferentiated floodplain alluvium Ft Breccias older than Taupo breccia Gr Gravels Tp Taupo and Kaharoa breccia and volcanic alluvium Us Unconsolidated silts, ashes, sands, tuffs and breccias	Al Alluvium, colluvium, moraine Cg Soft conglomerate
Gs	Gneiss		Gn Coarse crystalline rocks Gs Gneiss
Gw	Greywacke	Ac 'Argillite' — crushed Ar 'Argillite' Gw 'Greywacke'	Arl 'Argillite', hard mudstone Gw 'Greywacke' Hs Hard sandstone
Li	Limestone	Li Limestone	HI Hard limestone Ls Soft limestone Ma Marble
Lo	Loess	Lo Loess	Lo Loess
Mi	Mixed	Mixture of two or more groups	Mixture of two or more groups
Ms	Miscellaneous	Pt Peat Wb Sands-windblown	I Perennial ice and snow Pt Peat Wb Sand
Mu	Mudstone	Mb Mudstone or siltstone — banded Me Mudstone — bentonitic Mj Mudstone or siltstone — jointed Mm Mudstone or fine siltstone — massive Sb Sandstone — banded Sm Sandstone or siltstone — massive	Fy Interbedded soft sandstone, mudstone and siltstone Ms Soft mudstone Ss Soft sandstone
St	Schist		St Schist
Vo	Volcanics	Gn Crystalline intrusive rocks La Lahar deposits Vo Welded volcanic rocks	In Intrusives, ancient volcanics Um Ultramafite Vo Volcanic lavas, flows

* As per NZ Land Resource Inventory Worksheets published by MWD for the National Water and Soil Conservation Organisation.

LAND USE

Cr — Cropland	NF — Native forest
EF — Exotic forest	Sc — Scrubland
Gr — Improved pasture	Tu — Tussock grassland
Mx — Mixed cover	Ur — Urban

PURPOSE

BI — Bridging investigation	PT — Power investigation — thermal
FC — Flood control investigation (or river control investigation)	Rg — Regional catchment
FW — Flood warning	Rs — Research area
II — Irrigation investigation	SI — Sediment investigation
LL — Lake levels	TR — Tidal recording
LU — Land use catchment	Ug — Underground water investigation
MR — Major river	Ur — Urban site
PI — Power investigation	WQ — Water quality monitoring
PL — Local power board investigation	WR — Water resources
PO — Power operation	WS — Water supply investigation

RECORDING AUTHORITY

AKWS — Auckland Water and Soil	
ARA — Auckland Regional Authority	
AU — Auckland University	
BOP — Bay of Plenty Catchment Commission	
CDB — Christchurch Drainage Board	
CHWS — Christchurch Water and Soil	
DCC — Dunedin City Council	
DNWS — Dunedin Water and Soil	
DSIR — Department of Scientific and Industrial Research	
FRI — Forest Research Institute	
HBCB — Hawkes Bay Catchment Board	
HCB — Hauraki Catchment Board	
HMWS — Hamilton Water and Soil	
L&S — Lands and Survey	
MAF — Ministry of Agriculture and Fisheries	
MBCB — Marlborough Catchment Board	
MCB — Manawatu Catchment Board	
MCC — Manukau City Council	
MU — Massey University	
NAWS — Napier Water and Soil	
NCB — Nelson Catchment Board	
NCC — Nelson City Council	
NCCB — North Canterbury Catchment Board	
NRWB — Northland Regional Water Board	
NZAEI — New Zealand Agricultural Engineering Institute	and Catchment Commission
NZED — New Zealand Electricity Department	
NZMS — New Zealand Meteorological Service	
OCB — Otago Catchment Board	
OCPB — Otago Central Electric Power Board	
OU — Otago University	
PBCB — Poverty Bay Catchment Board	
RWCB — Rangitikei-Wanganui Catchment Board	
SCB — Southland Catchment Board	
SCCB — South Canterbury Catchment Board	
T&T — Tonkin and Taylor	
TCC — Taranaki Catchment Commission	
TGML — Tussock Grassland and Mountain Lands Institute	
WACB — Wairarapa Catchment Board	
WECB — Westland Catchment Board	
WGWS — Wanganui Water and Soil	
WNWS — Wellington Water and Soil	
WRWB — Wellington Regional Water Board	
WVA — Waikato Valley Authority	

WATER-LEVEL RECORDER MAKE (includes Groundwater Recorders)

Bel	— Belfort	LamW	— Modified Lambrecht water level recorder
Brist	— Bristol	Lea	— Lea
Cam	— Cambridge	LJ	— Littlejohn
Daily S.G.	— Daily staff gauge readings	MAF	— Ministry of Agriculture and Fisheries design
E & V	— Evershed and Vignoles	Siap	— Siap
Eric	— Ericson	Stev	— Stevens A 71
F & P	— Fischer and Porter	Stev F	— Stevens F
F & P Evt	— F & P Event	Tel	— Teltherm
F & P (M.C.)	— F & P Multichannel	*S/F	— Surface follower
Fox	— Foxboro	*T	— Telemetered instrument
Hides	— Hides	*2 Kent or	
Kent (Pr)	— Kent pressure bulb recorder	2 Lea	— 2 instruments of that make
Kent	— Kent		
L & S	— Leopold and Stevens		

*not separate instrument — descriptive term

RAINGAUGE RECORDER MAKE

Cas	— Casella weekly
C 95	— Casella 95 day
Din	— Dines daily
Fox	— Foxboro
F Rev	— Fischer and Porter Event raingauge
FPW	— Fischer and Porter Weighing raingauge
FP 15	— Fischer and Porter tipping bucket accumulator gauge
Friz	— Friez
Lam	— Lambrecht monthly
Lwk	— Lambrecht weekly
Neg	— Negretti Zambra
Rim	— Rimco
SM	— Short and Mason
S Rev	— Sedco event raingauge

AUCKLAND MWD DISTRICT

SITE NUMBER	RIVER NAME	STATION NAME	MAP	AREA	GEOLOGY/	PURPOSE	RECORDING	RECORDER	BEGIN	FILED	COMMENT
			REFERENCL	sq km	LANDUSE		AUTHORITY	MAKE	& END	TIDEDA	
1310	Whangatane	Donald Road	N10:768708	229.0	Mi Mx	FC	AKWS	Fox	60	yes	
1313	Tarawnataraoa	Pukepoto Road	N10:764689	22.0	Mi Gr	FC	AKWS	Fox	71	yes	
1314	Awanui	Waikuruki	N10:764702	229.0	Mi Mx	FC	AKWS	Fox	72	yes	
1316	Awanui	School Cut	N10:774686	222.0	Mi Mx	FC,MR	AKWS	F&P,Fox	58	yes	
1330	Awanui	Slackline	N9:733699	303.0	Mi Mx	FC	AKWS	Fox	72	yes	
1909	Peria	Honeymoon valley	N10:999686	27.2	Vo Mx	WS	AKWS	Fox	74	yes	
3410	Waipapa	Pungaere Road	N11:392604	17.6	Vo Mx	II	AKWS	Fox	75	yes	
3412	Rangitane	Tubbs	N11:480611	21.4	Mi Gr	WR	NRWB	F&P	77	yes	Crump Weir
3413	Waipapa	Landing	N11:475595	32.3	Vo Mx	WR	NRWB	F&P	77	yes	Crump Weir
3501	Kerikeri	Aishes	N11:385595	25.9	Vo Mx	II	AKWS	Fox	76	yes	
3503	Puketotara	Backblocks	N11:395544	23.1	Vo Mx	II	AKWS	Fox	75	yes	
3506	Maungapareraua	Tyrees Ford	N11:391555	11.1	Vo Gr	Rg	AKWS	F&P	67	yes	weir
3515	Kerikeri	Peacock Garden	N11:461580	93.0	Vo Mx	WR	NRWB	F&P	77	yes	Crump Weir
3819	Wainarakeke	willowbank	N15:529363	229.0	Mu Mx	FC,WS,WQ	NRWB	L&S	67	yes	
4901	Ngunguru	Dugmores Rock	N20:942120	12.5	Gw Mx	Rg	AKWS	F&P	69	yes	Weir
5513	Glenbervie	Quarry	N20:858062	0.63	Gw EF	LU	AKWS	F&P	76	yes	Weir
6501	Tamanunga	Quintals Falls	N34:248238	8.13	Mi Mx	WR	ARA	L&S	78	yes	120' Weir 10:1 Ext
7602	Wairau	Alma Rd	N42:275697	11.4	Mi Ur	RS	AKWS	F&Pevt	62	yes	Conc lined
7603	Wairau Trib	Marlborough Park	N42:253685	1.50	Mi Ur	RS	AKWS	F&PevtS/F	77	no	concrete channel
7604	Wairau	Motorway	N42:267690	10.98	Mi Ur	RS	AKWS	F&Pevt	78	yes	Crump Weir,Stev F
7805	Rangitopuni	Walkers	N38:139741	81.5	Mi Mx	WR	ARA	Fox	75	yes	
7810	Paremoremo	Block Road	N38:163723	7.40	Mi Mx	WR	ARA	Fox	75	yes	
8202	Pakuranga	Richardsons	N42:419539	4.38	Mu Ur	RS	AKWS	F&P	71	yes	
8203	Manukau	Somervilles	N42:444528	0.300	Mu Gr	RS	AKWS	F&Pevt,Lea	69	yes	Weir
8204	Otara	Bond St Bridge	N42:397467	5.41	Mi Ur	RS	AKWS	Fox	69	no	Culvert.MCC

AUCKLAND MWD DISTRICT

SITE NUMBER	RIVER NAME	STATION NAME	MAP REFERENCE	AREA sq km	GEOLOGY/ LANDUSE	PURPOSE	RECORDING AUTHORITY	RECORDER MAKE	BEGIN	FILED	COMMENT
									& END	TIDEDA	
8604	Orere	Bridge	N43:745467	40.8	Gw Mx	WR	AKWS	Fox	78	yes	Drop Structure
.043455	Mangatawhiri	L.Mangatawhiri Weir	N48:674262	43.8	Gw NF	WS	ARA	Lea	62	yes	
.543479	Mangatawhiri	Moumoukai North	N48:666317	0.083	Gw NF	WR	ARA	Lea	68	no	
1543480	Mangatawhiri	Moumoukai Central	N48:665316	0.114	Gw EF	WR	ARA	Lea	68	no	
1543481	Mangatawhiri	Moumoukai South	N48:665312	0.149	Gw EF	WR	ARA	Lea	68	no	
43602	Waitangi	S.H.D	N47:271146	17.6	Vo Gr	Rg	AKWS	F&P	66	yes	Weir
43705	Mauku	Swede	N47:318204	27.5	Vo Gr	WS	ARA	Fox	76	yes	
43803	Papakura	Great Stn Rd	N47:423383	52.6	Mi Mx	Rs	AKWS	F&P	69	yes	Concrete Ch
43807	Puhinui	Upstream Dropstr	N42:371423	15.5	Mi Ur	Rs	AKWS	F&P		yes	
43808	Puhinui	Dropstructure	N42:371423	15.5	Mi Ur	Rs	AKWS	F&P	75	yes	Conc Drop Struct
43811	Patumanoe	Railway Culvert	N47:359190	10.0	Vo Gr	WR	ARA	L&S	76	yes	
45301	Kumeu	NZ Particle Board	N41:072692	6.61	Mx Gr	WR	ARA	L&S	77	yes	
45311	Kaipara	Waimauku	N37:015706		Mi Mx	MR	ARA	L&S	78	yes	
45401	waitoki	Pebblebrook conf1	N37:083902	7.26	Mi Mx	WR	ARA	L&S	77	yes	90' V Notch
45702	waiwhiu	Dome Shadow	N34:147209	8.03	Mu Mx	Rg	AKWS	F&P	67	yes	Weir
45703	hoteo	Gubbs	N33:029167	244	Mu Mx	MR	ARA	Fox	77	yes	
45903	Topuni	Old North Road	N28:975386	0.875	Mu EF	LU	AKWS	F&P	76	yes	Weir
46602	Lake Kanono	Kanono Outlet	N33:677186		Mi Gr	WR	NRWB	Lea	77	no	Flume
46609	Mangere	Kara weir	N20:750983	12.3	Gw NF	WS,LU	AKWS	F&P	75	yes	Crump weir
46611	Kaihu	Gorge	N19:206912	116.0	Vo Mx	WR,Rg	AKWS	F&P	70	yes	
46613	Kaihu	Rotu	N23:293800	259	Mi Mx	WR,FC	NRWB	L&S	77	yes	
46618	Mangakania	Gorge	N19:366077	246.0	Vo Mx	Rg,MR	AKWS	L&S	60	yes	
46632	Whakapara	SHB	N20:783192	162.0	Gw Mx	FC	NRWB	F&P	59	yes	
46640	Okarika	Pump Station	N20:712080	50.0	Mu Mx	FC	NRWB	Fox	76	no	
46644	Wairua	Purua	N20:664052	544.0	Mi Mx	FC	NRWB	F&P	60	yes	

AUCKLAND MWD DISTRICT

SITE NUMBER	RIVER NAME	STATION NAME	MAP	AREA	GEOLOGY/	PURPOSE	RECORDING AUTHORITY	RECORDER MAKE	BEGIN	FILED	COMMENT
			REFERENCE	sq km	LANDUSE				& END	TIDEDA	
46645	Kokopu	McBeths	N20:704964	3.08	Mu Gr	LU	AKWS	F&P	77	yes	120 deg weir
46647	Wairua	Wairua Br.	N19:609956	707.0	Mi Mx	WR,MR	AKWS	F&P	61	yes	S.G inst. 1.11.56
46651	Manganui	Permanent Station	N23:632676	411.0	Mu Mx	WR,MR	AKWS	F&P	60	yes	gap in record
46660	Puketurua	Puketitoi	N19:583041	2.48	Mu Gr	LU	AKWS	F&P,Lea	64	yes	Weir
46662	Pukewaenga	Conservation	N19:592028	0.389	Mu Gr	LU	AKWS	F&Pevt,Lea	66	yes	Flume Pukewaenga
46663	Pukeiti	Riddolls	N19:592021	0.0142	Mu Gr	LU	AKWS	F&Pevt,Lea	66	yes	Flume
46674	Mangahāhuru	County Weir	N20:823069	20.5	Gw EF	WS	NRWB	Lea	68	yes	Weir, gap76to78
47527	Opani	Pond	N15:234344	10.6	Mu Mx	Rg	AKWS	F&P	66	yes	Weir
47804	Waipapa	Forest Ranger	N10:193503	122.0	Gw NF	WR,LU	AKWS	F&P	75	no	
48015	Mangamuka	Gorge	N10:008591	23.3	vo NF	WR,LU	AKWS	Fox	76	no	

AUCKLAND MWD DISTRICT-CLOSED STATIONS

SITE NUMBER	RIVER NAME	STATION NAME	MAP	AREA	GEOLOGY/	PURPOSE	RECORDING AUTHORITY	RECORDER MAKE	BEGIN	FILED	COMMENT	
			REFERENCE	sq km	LANDUSE				& END	TIDEDA		
802	Selwyn Swamp	Big Flat Road	N6:672925	1.74	Ms Gr	Rg	AKWS	F&P	65	74	yes	
3806	Kawakawa	SHB	N15:570386	315.0	Mi Mx	WR	AKWS	Fox	61	68	yes	
5809	Waiaronia	Russell Rd	N20:827982	16.2	Gw Mx	Rg	AKWS	F&P	57	68	yes	
6004	Anuroa	Rowntrees	N24:926642	60.9	Mi Mx	WS	AKWS	F&P	69	76	yes	
8001	Rewarewa	Gardeners Ave	N42:197528	1.34	Mu Ur	Rg	AKWS	F&Pevt	66	76	yes	45 deg weir
8401	Te Puru	Weir NO.1	N48:531552	10.12	Mi Mx	WS	MCC	F&P	69	72	no	
8402	Te Puru	Weir NO.2	N48:541538	3.85	Gw EF	WS	MCC	F&P	69	72	no	
8504	Wairoa	Otau Valley Weir	N48:632303		Gw NF	WS	ARA	Lea	61	78	no	
1043403	Mangatanyi	Weir	N48:718289		Gw NF	WS	ARA	Lea	60	77	no	
43501	Manakau Harbour	Waiau Pa	N47:240280			PT	AKWS	Fox	76	78	no	Tidal
43502	Manakau Harbour	Poutawa	N47:252292			PT	AKWS	F&P	76	77	no	Tidal
43503	Manakau Harbour	Seagrove	N47:282236			PT	AKWS	F&P	76	77	no	Tidal
43804	Papakura	Mill RD	N47:457395	28.12	Mi Mx	WR	AKWS	Tel	65	78	no	MCC
43805	Papakura	Fitzpatrick Rd	N42:492426	16.09	Gw Mx	WR	AKWS	Tel	65	78	yes	MCC
43809	Puhinui	Nescaie	N42:371424	15.0	Mi Ur	Rs	AKWS	F&P	69	72	yes	Replaced by 43808
43810	Maketu	Rimu Stand	N47:508255	9.63	Gw Mx	Rg	AKWS	F&P	70	76	yes	Bed Control
45309	Kaipara	Davidsons	N37:569724	194.3	Mi Mx	WR	AKWS	Lea	60	62	yes	
45501	Makarau	Dosing Strip	N37:029964	48.4	Mu Mx	WS	AKWS	F&P	68	71	yes	
46612	Kainu	Maropiu	N23:254867	162	Vo Mx	WR	AKWS	Fox	58	71	yes	
46625	Hikurangi	Kamo-Hikurangi Br	N19:555058	189	Mi Mx	WR	AKWS	Fox	60	69	yes	
46648	Wairua	Wairua Falls	N19:609956	707	Mi Mx	WS	AKWS		11	16	yes	
46657	Puketurua	Eroding Gully	N19:593026	0.4	Mu Gr	Rs	AKWS	Lea	74	76	no	Vnotch weir
46658	Wairoa	Ruawai	N27:542466			TR	AKWS	Lea	69	74	no	
47703	Lake Omapere	Rocky Outcrop	N15:292397	30.0	Mu Gr	WR,LL	AKWS	Lea	69	76	yes	Lake levels

HAMILTON MWD DISTRICT

SITE NUMBER	RIVER NAME	STATION NAME	MAP REFERENCE	AREA sq km	GEOLOGY/ LANDUSE	PURPOSE	RECORDING AUTHORITY	RECORDER MAKE	BEGIN FILED & END TIDE DA		COMMENT
9106	Piako	Kaihere Ferry	N53:009026	1261		FC	HCB	Fox	64	no	Tidal
9107	Piako	Ngatea	N52:999091	1422		FC	HCB	Lea	64	no	move 400m u/s .76
9113	Piako	Morrinsville	N57:046641	391		FW	HCB	Hides(T)		no	
9117	Waitoa	Paeroa Tanuna Rd Br	N53:065821	445		FC,WR,MR	HCB	Fox	72	no	Tidal
9140	Piako	Paeroa Tanuna Rd Br	N53:006802	534		FC,WR,MR	HCB	Fox	72	yes	
9203	Waihou	Puke	N53:143992	1606		FC	HCB	Fox	59	no	Tidal
9204	Oninemuri	Criterion Br-30ch us	N53:171958	308		FC	HCB	Fox	45	no	Tidal
9205	Waihou	Te Aroha Br.	N57:200762	1137		FC,WR,FW	HCB	Fox	64	yes	
9209	Waihou	Tirohia	N53:134894	1233		FC,MR	HCB	Kent	53	no	Tidal
9212	Waihou	Kopu	N49:061195	1984		FC,TR	HCB	Fox	56	no	Tidal
9213	Oninemuri	Karanganake	N53:208922	287		FW,WR	HCB	L&S(T)	56	yes	
9226	Waihou	Wharepoa	N53:100086	1813		FC	HCB	Fox	62	no	Tidal
9227	Waihou	Netherton	N53:107022	1684		FC	HCB	Fox	62	no	Tidal
9228	Waiorongomai	Old Quarry	N57:247746	7.90	Vo NF	Rg	HMWS	F&P,Fox	70	yes	Rect. Weir
9231	Waihou	Whites Rd	N75:301189	38.4		WR,WQ,SI	HCB	Fox	77	yes	
1009207	Oraka	Ngatira Rd	N75:355092			WR,WQ,SI	HCB	Fox	77	yes	
1009208	Waimakariri	Waimakariri Rd	N75:339199			WR,WQ,SI	HCB	Fox	77	yes	
1009209	Wamsley	Reservoir	N53:327993	2.88		WR,WS	HMWS	F&P	78	yes	
1009210	Waihou	Tunnel Rd.	N75:394128	6.6		WR,WQ,SI	HCB	Fox	78	yes	V-notch Weir
9301	Kauaeranga	Smitns	N49:088235	122	vo Mx	Rg,FC,MR	HMWS,HCB	L&S(T)	59	yes	
12301	Tairua	Broken Hills	N49:232299	118		WR,BI	HCB	Fox	75	no	
12302	Tairua	Wharf	N44:341414	260		BI	HCB	Fox	76	no	Tidal
12303	Tairua	Duck Point	N49:321360	220		BI	HCB	Fox	76	no	Tidal
12304	Tairua	Prescotts	N49:279336	170		BI	HCB	Fox	76	no	Tidal
12501	C.I.Stm	Wharekawa	N49:349276	0.0317		RS,WQ	FRI	Bel	77	no	

HAMILTON MWD DISTRICT

SITE NUMBER	RIVER NAME	STATION NAME	MAP REFERENCE	AREA sq km	GEOLOGY/ LANDUSE	PURPOSE	RECORDING AUTHORITY	RECORDER MAKE	BEGIN FILED & END TIDEDA		COMMENT
12502	C.2 Stm	wharekawa	N49:351281	0.230		Rs,WQ	FRI	Bel	77	no	
13901	Mangawhai	Omokoroa	N58:503608	2.95	Mu Gr	Rg	HMWS	F&P,Fox	71	yes	
14201	Moturiki	Mt Maunganui	N58:661656			TR	HMWS	F&P,Kent	71	yes	Tidal Prev. Rec.
14601	Kaituna	L.Rotoiti Outlet	N76:811186	632		PI,MR	HMWS	F&P	06	yes	
14603	Waiteti	Tauranga Direct Rd	N76:679122	71.0	As Mx	Rs,SI	HMWS	F&P	76	yes	Bedload Station
14606	Waingaehe	SH 30 Br.	N76:777059	9.58	As Gr	Rs,SI	HMWS	F&P	75	yes	Bedload Station
14610	Utuhina	SH 5 Br.	N76:710052	59.6	As Mx	FC	HMWS	F&P	67	yes	
14614	Kaituna	Te Matai	N67:832459	948		FC,PI	HMWS	F&P	55	yes	
14618	Kaituna	Fords Cut	N58:880505			FC	BOP	Fox	65	no	Tidal
14624	L.Rotorua	Mission Bay	N76:788154	500		FC,PI	HMWS	F&P	34	yes	Lake level F&P'66
14625	Puarenga	FRI Br.	N76:732018	74.8	As Mx	WR	HMWS	F&P	75	yes	
14627	Waiari	Muttons	N67:799430	69.9	As Mx	FC,PI	HMWS	F&P,Fox	66	yes	
14628	Mangorewa	Saunders Farm	N67:816348	179		FC,PI	HMWS	F&P,Fox	67	yes	
14630	Atuaroa	Manoeka Rd Br.	N67:767481	464		FC	BOP	Fox	65	no	
14636	Kopuaroa	SH 2	N58:773512	18		FC	BOP	Fox	69	no	
1014641	Ngongotona	SH 5 Br.	N76:662105	73.3	As Mx	Rs,WQ	HMWS	F&P	75	yes	
1014642	Sewage Outflow	Rotorua Treatment Pl	N76:733031			WQ,Rs,Ur	HMWS	F&P	75	yes	
1014643	Fenton St Drain	Lake Front	N76:722048	0.029	As Ur	WQ,Rs,Ur	HMWS	F&P	75	yes	F&Pevent to 11.76
1014645	Pomare	Diana Place	N76:689034	0.81	As Ur	LU,Ur	HMWS	F&P	76	yes	
1014646	Te Ngae Drain	Te Ngae Rd	N76:728032	0.92	As Ur	LU,Ur	HMWS	F&P	75	yes	F&Pevent to 10.76
14716	Lake Rotoehu	Te Pohue Bay	N77:973167	50.0		FC	HMWS	F&P,Kent	53	yes	S.G'25 and to'65
14717	Lake Rotoma	Otangiwai Point	N77:032137	28.5		FC	HMWS	F&P	53	yes	S.G'25 and to'65
15002	Waitahanui	Otamarakau Villy Rd	N68:027375	96.1		WR	BOP	Lea	73	no	
15301	Lake Tarawera	Te Wairoa	N76:839957	412		FC,PI	HMWS	F&P,Kent	25	yes	Daily S.G to'51
15302	Tarawera	Awakaponga	N68:218278	906		FC,PI,MR	HMWS	F&P	54	yes	

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SITE NUMBER	RIVER NAME	STATION NAME	MAP REFERENCE	AREA sq km	GEOLOGY/ LANDUSE	PURPOSE	RECORDING AUTHORITY	RECORDER MAKE	BEGIN & END	FILED TIDEDA	COMMENT
15308	L.Rerewhakaaitu	Awaatua Bay	N86:947860	54		FC	HMWS	F&P,Kent	52	yes	Daily S.G. to '65
15309	L.Okataina	Tauranganui Bay	N76:893084	62		FC	HMWS	F&P,Kent	48	yes	S.G '25 and to '65
15319	Hot Water Ck.	waimangu	N85:858864	0.08	vo	Rs	DSIR	ELL	70	no	Volcanic monitor
15338	L.Rotomanana	Crater Bay	N77:931905	84.2		FC	HMWS	F&P,Kent	24	yes	Auto from '65
15341	Tarawera	lake Outlet Recorder	N77:966993	413		FC,PI	HMWS	F&P	71	yes	
1015304	L.Tarawera	Northern L.S.	N77:908995		Vo NF	Rs	DSIR	Lam,Kent	76	no	Volcanic monitor
1015308	Inferno Crater.L	waimangu	N85:861865	0.03	Vo	Rs	DSIR	Fox	70	no	Volcanic monitor
1015309	Inferno overflow	waimangu	N85:861865	0.03	vo	Rs	DSIR	ELL	70	no	Volcanic monitor
15408	Rangitaiki	Murupara	N86:145648	1184	As Mx	PI	HMWS	F&P	52	yes	
15410	Whirinaki	Galatea	N86:191623	534	Mi NF	FC,PO	HMWS	F&P(T)	52	yes	
15412	Rangitaiki	Te Teko	N77:248155	2893		FC,PI,MR	HMWS	F&P(T)	52	yes	
15432	Rangitaiki	Kopuriki	N86:232822	2318		FC,PI	HMWS	F&P(T)	66	yes	
15443	Rangitaiki	waitanarua Rd	N95:978452	622		PL,FC	HMWS	Fox	76	yes	
15446	wheao	Falls	N95:016381	66	Mi NF	PL,FC	HMWS	Fox	76	yes	Pwr Bd Foxboro
15447	wheao	Wairaro Rd	N95:037445	168	Mi NF	PL,FC	HMWS	Fox	76	yes	Pwr Bd Foxboro
15511	Waimana	waimana Gorge	N78:478076	440	Gw Mx	FC	BOP,HMWS	F&P,Kent(T)	50	yes	
15514	Whakatane	whakatane	N78:436194	1557	Gw Mx	FC,MR	BOP,HMWS	Kent(T),F&P	56	yes	F&P from '75
15534	wairere	wainui Rd	N69:446250	2.59	As Gr	Rg	HMWS	F&P,Fox	67	yes	V notch
15536	Waimana	Ogilvies Br.	N87:551818	207	Gw NF	Rg,FC	HMWS	F&P(T),Fox	68	yes	(T) by BOP
15541	whakatane	Huitieke	N87:442762	620	Gw NF	FC	BOP	F&P(T)	76		
15604	Uniwa Hbr	Port Uhope Wharf	N69:545218			TR	BOP	Fox	74	no	Tidal
40703	Mangakownai	Kaingapipi	N83:563707	16.2	Li Mx	Rg	HMWS	F&P,Fox	71	yes	4' HL flume
41601	Oteke	Kinohaku	N73:337004	9.06	Mi Gr	Rg	HMWS	F&P,Fox	71	yes	4' HL flume
43402	Waikato	ngaruawahia CIW	N56:658635	11395		MR	WVA	Kent	57	yes	
43411	Pokaiwhenua	Forest Prod.Weir	N75:413949	62.1	As EF	Rg	HMWS	F&P,Lea	52	yes	Weir

HAMILTON MWD DISTRICT

SITE NUMBER	RIVER NAME	STATION NAME	MAP REFERENCE	AREA sq km	GEOLOGY/ LANDUSE	PURPOSE	RECORDING AUTHORITY	RECORDER MAKE	BEGIN & END	FILED TIDEDA	COMMENT
43419	Waikato	Huntly Railway Br	N56:688747	12066		WR	WVA	F&P	68	yes	
43420	waikato	Rangiriri	N52:643901	12421		WR	WVA	Lea	65	yes	
43421	Waikato	Tuakau	N51:462064	13957		WR,FC	WVA	Lea	65	no	Tidal
43433	Waipa	Whatawhata	N65:664456	2826		WQ,MR	HMWS	Fox	69	yes	
43435	Waipapa	Ngaroma Road	N84:151820	137		PO	HMWS	F&P(T)	64	yes	(T) by NZED
43447	waikato	The Elbow	N51:362080	14051		WR,FC	WVA	F&P,Lea	56	yes	Tidal,Data 69 on
43448	Waikato	Hoods Landing	N51:275027	14188		WR,FC	WVA	F&P,Lea	56	yes	Tidal,Data 69 on
43459	Waikato	Port Waikato	N51:258957	14258		WR,FC	WVA	F&P	61	yes	Tidal
43466	Waikato	Hamilton Tr Br	N65:797464	8230		WR	WVA	F&P	75	yes	
43472	Waiotapu	Reporoa	N85:801680	228	As Mx	FC,WR	HMWS	F&P(T)	58	yes	
43480	Mangaokewa	Lawrence St Br.	N83:684805	174		FC	WVA	Fox	69	no	
43492	L.Whangape	Herbert Rd	N52:562827	311		WR	WVA	Lea	68	no	
43493	Whangamarino	Maramarua-Waerenga	N52:693006	135		FC	WVA	Lea	64	no	
43495	Lake Ohakuri	Mihi	N85:755619	4351		LL,PO,FC	HMWS	Fox	58	yes	
1043407	Mangatawhiri	SH2	N48:603162	104		WR	WVA	Lea	68	no	
1043419	Pokaiwhenua	Puketurua	N75:213145	448	As Mx	PI	HMWS	F&P	63	yes	
1043427	Mangakino	Dillon Rd	N84:224711	373		PO	HMWS	F&P(T)	64	yes	
1043428	Tahunaatara	Ohakuri Rd	N85:548802	210		PI,	HMWS	F&P(T)	64	yes	
1043434	Mangakara	Hirsts	N85:771661	22.0	As Mx	R9	HMWS	F&P	69	yes	Flume problem
1043435	Whangamarino	Control Structure	N52:575068	176		WR	WVA	Lea	70	no	
1043446	waikato	Mercer	N52:562083	13701		WR,FC	WVA	F&P	63	yes	Tidal Kent to '77
1043476	Otutira	Otutaru weir	N93:298447	0.045		RS	HMWS	F&Pvt,Lea	66	yes	Flume
1143401	Lake Waikare	NOOG	N52:718932	215		FC	WVA	Lea	65	no	
1143402	Whangamarino	Cableway	N52:708008	127		WR	WVA	Lea	67	no	
1143406	Otutira	Otumaroke weir	N93:301439	0.085	As	RS	HMWS	F&Pvt	67	yes	Flume

HAMILTON MWD DISTRICT

SITE NUMBER	RIVER NAME	STATION NAME	MAP REFERENCE	AREA sq km	GEOLOGY/ LANDUSE	PURPOSE	RECORDING AUTHORITY	RECORDER MAKE	BEGIN FILED & END TIDEDA		COMMENT
1143407	Purukohukohu	Weir	N85: 700681	1.69	As Mx	LU	HMWS	F&P, Lea	67	yes	Cipoletti weir
1143408	Purukohukohu	Puruorakau Flume	N85: 687692	0.372	As NF	LU	HMWS	F&P, Lea	68	yes	Flume
1143409	Purukohukohu	Puruki	N85: 688687	0.344	As EF	LU	HMWS	F&P, Lea	68	yes	Flume LU change
1143418	3Mile Bay	SH 1 Culvert	N94: 328549	2.59	As Gr	Rs, WQ	HMWS	F&Pevt	76	yes	
1143427	Te Tahī	Puketotara	N74: 667151	3.11	Vo Gr	Rg	HMWS	F&P	71	yes	
1143428	Ohote	Rotokauri	N65: 696488	17.4		Rg	HMWS	F&P	68	yes	
1143437	Waikato	Orton	N52: 562967	12808		WR	WVA	Lea	68	no	
1143442	Purukohukohu	Purutaka	N85: 686691	0.225	As Gr	LU	HMWS	F&P, Lea	68	yes	Flume
1143443	Purukohukohu	Purutaka No 2	N85: 684692	0.083	As Gr	LU	HMWS	Lea	69	no	
1143444	Waikato	Reids Farm	N94: 554405	3305		PI, MR	HMWS	F&P	69	yes	compare L.Taupo
1243435	Hinemaiaia	SH 1 Bridge	N103: 494173	165	Vo Gr	Rs, WQ, SI	HMWS	Fox	76	yes	
1243461	Whareroa	Fish Trap	N102: 268167	58.4	Vo	SI, Rs, WQ	HMWS	F&P	77	no	
1443408	Lake Ngaroto		N65: 802258	18.1		WR	WVA	Lea	69	no	
1443423	Purukohukohu	Puruki-Rua Flume	N85: 683687	0.087	As EF	LU	HMWS	F&P, Lea	71	yes	Flume LU change
1443424	Purukohukohu	Puruki-Toru Flume	N85: 683686	0.138	As EF	LU	HMWS	F&P, Lea	71	yes	Flume LU change
1443433	Puruwai	Gorge	N85: 697696	0.278	As NF	LU	HMWS	F&P, Kent	72	yes	Flume
1443462	Mangahanene	SH1	N66: 086284	8.75		Rg	HMWS	F&P	72	yes	Weir
1443463	Purukohukohu	Puruki-Tahi	N85: 687687	0.059	As EF	LU	HMWS	F&P, Lea	72	yes	Flume LU change
1443467	Waikato	Huntly North	N56: 670790	12193		PI	WVA	F&P, Lea	74	yes	
1443498	Mangawara	McConnells Br.	N56: 764740	306		WR	WVA	Lea	74	no	
1443499	Mangawara	Jeffies Br.	N56: 877790	98		WR	WVA	Lea	74	no	
1543401	L. Rotokauri	L. Rotokauri	N56: 503710	1312		WR, LL	WVA	Lea	75	no	Lake level
1543403	Ten Flt, DR.	Aka Aka	N51: 294043			WR	WVA	2 Lea	71	no	
1543404	Maungaroa	Flume	N52: 692035	2.9		Rg	WVA	Lea	73	no	Flume
1543410	Otaketake	Weir	N93: 407430	19.3	As Mx	Rs, WQ, SI	HMWS	F&Pevt	77	yes	

HAMILTON MWD DISTRICT

SITE NUMBER	RIVER NAME	STATION NAME	MAP REFERENCE	AREA sq km	GEOLOGY/ PURPOSE		RECORDING AUTHORITY	RECORDER MAKE	BEGIN FILED & END TIDEDA		COMMENT
					LANDUSE						
1543411	waitahanui	Totara bridge	N103:554244	190	As Mx	Rs,WQ,SI	HMWS	Fox	76	yes	
1543413	Tauranga-Taupo	Te Kono	N102:403068	199		Rs,WQ,SI	HMWS	F&P	76	yes	
1543414	Mangakotukutuku	Ruku Blk	N65:771415	5.26		WR	WVA	Lea	76	no	
1543420	Waimarino	Kepa Rd Br.	N102:377015	60.7		Rs,WQ,SI	HMWS	F&P	76	yes	
1543424	waihana	SH 32	N93:174362	132.9	vo Gr	WQ,RS,WS	HMWS	F&P	76	yes	
1543427	wnanganui	SH 32	N102:163272	31.13		WQ,RS	HMWS	F&P	76	yes	
1543433	Tokaanu	Tokaanu Power Hse.	N102:256022	28.6		Rs,WQ,SI	HMWS	F&Pevt	76	yes	
1543443	Kuratau	Below Dam	N102:224143	194.7		Rs,WQ	HMWS	Fox	76	yes	
1543447	waikato	Ohaki	N94:773567	3763		PI	HMWS	F&P	76	yes	Fox to 6.78
1543478	L.Taupo	Acacia Bay	N94:502352	3289		PO,LL	HMWS	L&S	78	yes	replaces 43404

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HAMILTON MWD DISTRICT-CLOSED STATIONS

SITE NUMBER	RIVER NAME	STATION NAME	MAP REFERENCE	AREA sq km	GEOLOGY/ PURPOSE		RECORDING AUTHORITY	RECORDER MAKE	BEGIN FILED & END TIDEDA		COMMENT	
					LANDUSE							
9101	waitoa	Whakanoro Rd	N53:082804	433		WR	HCB	Kent	52	72	yes	
9102	Piako	Tanuna Landing	N53:009839			FC	L&S		26	40	no	
9108	Piako	Whakanoro Rd.	N57:005780	528		WR	HCB	Kent	52	71	yes	Stage since 8.70
9201	Ohinemuri	Mackaytown	N53:208922			WR	HMWS		23	37	no	
9292	Waihou	Hikutaia Cut No.1	N53:114064	1713		FC	HCB	Fox	74	75	no	
9293	Waihou	Hikutaia Cut No. 2	N53:129075	1718		FC	HCB	Fox	74	77	no	Tidal closed
9294	Waihou	Hikutaia Cut No. 3	N53:114075	1801		FC	HCB	Fox	74	77	no	Tidal closed
9295	Waihou	Hikutaia Cut No. 4	N53:107051	1702		FC	HCB	Fox	75	77	no	Tidal closed

HAMILTON MWD DISTRICT-CLOSED STATIONS

SITE NUMBER	RIVER NAME	STATION NAME	MAP REFERENCE	AREA sq km	GEOLOGY/ PURPOSE		RECORDING AUTHORITY	RECORDER MAKE	BEGIN FILED & END TIDEDA		COMMENT
					LANDUSE						
14604	Awanou	Tauranga Direct Rd	N76:685149	21.5	As MX	Rs,WR,WQ	HMWS	Fox	75 78	yes	
14607	Waiohewa	SH 30 Br.	N76:791111	11.1	As MX	Rs,WR	HMWS	Fox	75 79	yes	
14615	L.Rotorua	Wharf	N76:722052	500		WQ	HMWS	F&P	77 77	yes	See 14624
14621	Kaituna	Te Akau	N67:812267	676		PI	HMWS	Lea	64 69	yes	
14692	Hauraki	Fryer Rd	N76:702162	10.9	As Gr	Rs,WQ,SI	HMWS	Fox	75 78	yes	
1014623	Cookson's Wash	SH 30 Culvert	N76:793095	8.8	As Gr	WQ,Rs,SI	HMWS	F&P	75 78	yes	Ephemeral
1014638	Sewage Bypass	Rotorua Treatment Pl	N76:732031			WQ,Rs,Ur	HMWS	Fox	75 78	yes	
1014644	Waiowhiro	Bonnington's Farm	N76:702078	4.4	As MX	Rs,WQ,SI	HMWS	Fox	75 78	yes	
1014647	Utuhina	Hunts Farm	N76:635019	7.28	As NF	Rs,WQ	HMWS	F&P	76 78	yes	
1014648	Waipa	Whaka Forest	N76:748984	8.2	As EF	Rs,WQ,SI	HMWS	Kent	75 78	yes	
1014649	Mangakakahi	Pukehangi Rd Br.	N76:668043	5.5	As Gr	Rs,WQ	HMWS	Fox	76 78	yes	
15425	Rangitaiki	Te Manoe No.2	N77:255099	2850		PI	HMWS	Fox	66 68	yes	
15431	Rangitaiki	Edgecumbe Br.	N68:278231	2932		PI	HMWS	Fox	66 68	yes	
15434	Rangitaiki	Reynolds	N68:299282	2937		PI	HMWS	Fox	66 68	yes	
15435	Rangitaiki	2.5mls.below Te Teko	N68:267208			PI	HMWS	Fox	66 68	no	
15509	Whakatane	Whakatane Town Wharf	N69:448262	1795		TR	BOP	Lea	64 72	no	
43401	Lake Taupo	Waipanihi	N94:557347			PO	NZED		66 73	yes	
1043490	Otutira	Otutira weir	N93:310405	3.0	As MX	LU	HMWS	F&P	66 72	yes	Weir
1043493	Otutira	Otumoko Weir	N93:313421	0.41	As	LU	HMWS	F&P (T)	65 76	yes	Weir
1043494	Little Waipa	Puketurua	N75:184128	94		PI	HMWS	Kent	65 69	yes	
1143404	Waikato	Taupo Harbour				PI	NZED		05 40	yes	
1143419	Lake Taupo	Kawakawa Bay	N93:313402	3289		PI	HMWS	Lea	67 71	yes	Lake levels
1143441	Otutira	Otukanuka Weir	N93:303425			LU	HMWS	F&P	68 76	yes	Weir
1443465	Otaketake	Whangamata Rd	N93:387444	15	As MX	Rs,WQ,SI	HMWS	Fox	73 78	yes	
1543470	James Henry Cres	Huntly	N56:675766			Ur FC	HMWS	Lea	77 78	no	

NAPIER MWD DISTRICT

SITE NUMBER	RIVER NAME	STATION NAME	MAP REFERENCE	AREA sq km	GEOLOGY/ LANDUSE	PURPOSE	RECORDING AUTHORITY	RECORDER MAKE	BEGIN	FILED	COMMENT
									& END	TIDEDA	
15901	Waioeka	Gorge Cableway	N78:737923	640		MR	NAWS	F&P	58	yes	
15903	Waioeka	Midway	N87:722878	602		FW	PBCB	Kent(T)	67	no	No low flow
15910	Koranga	Koranga Station	N87:746682	119		FW	PBCB	Eric	67	no	
16501	Motu	Houpoto	N70:057358	1393		WR,PI,MR	NAWS	F&P,Fox	57	yes	
16502	Motu	Waitangirua	N79:032946	295		WR,PI	NAWS	F&P,Fox	60	yes	
16503	Motu	Mangaotane	N79:098080	650.8		PI	NAWS	Fox	61	no	Gap 6.63 to 12.78
16508	Takaputani	Ngawhakatara	N79:004116	189.2		PI	NAWS	Fox	78	no	
17602	Mangatutu	SH 35	N62:666658	14.0	Vo	WR,WQ,SI	NAWS,PBCB	Fox	74	yes	
17904	Taurangakautuku	Tangihanga	N71:651495	24		WR,WQ,SI	NAWS,PBCB	Fox	75	no	
18309	Waipau	Rotokautuku Br	N71:689302	1378		MR	NAWS,PBCB	Fox	74	yes	
18902	Hikuwai	Willow Flat	N89:650818	307	Mu	WR,WQ,SI	NAWS,PBCB	Fox	74	yes	
19602	Waimata	Goodwin's Rd	N98:445402	198		WR	PBCB	Fox	78	no	
19701	Waipaoa	Kanakanaia Bridge	N89:268623	1580		FW	PBCB	Eric	57	yes	No low flow
19702	Waipaoa	Waipaoa Stn	N88:245835	183		FW	PBCB	Eric	67	no	Gap in record
19704	Waipaoa	Matawhero	N98:302387	1910		FW,WR,SI	PBCB	Lea	68	no	
19708	Waikohu	Manaki	N88:123668	144		FW,WR	PBCB	Eric	63	no	Gap in record
19709	Wharekopae	Killarney	N97:061529	181.3		FW	PBCB	Fox (T)	65	yes	
19711	Waingaromia	Terrace	N89:326746	175.3	Mu	FW	PBCB	Fox (T)	66	yes	
19712	Mangatu	Omapere	N88:192724	183		WR,FW,WQ,SI	NAWS	Fox	72	yes	
19716	Waipaoa	Kanakanaia c/w	N89:273614	1582		MR,SI	NAWS	Fox	72	yes	
19721	Mangatu	Whatatutu	N88:219731	238		WR,FW,WQ,SI	NAWS	Fox	78		
19725	Waikohu	No. 3 Bridge	N88:176633	597		WR,SI	NAWS	Fox	74	yes	
19734	Waikohu	No. 1 Bridge		26.4	Mu	PL,SI	NAWS	F&P	78		
21301	Waiatai	Waiatai Road	N116:859958	14.5		WR	HBCB	Fox	76	no	
21409	Waiau	Otoi	N105:480048	513		WR,PI,SI	NAWS	Fox	68	yes	

NAPIER MWD DISTRICT

SITE NUMBER	RIVLR NAME	STATION NAME	MAP REFERENCE	AREA sq km	GEOLOGY/ LANDUSE	PURPOSE	RECORDING AUTHORITY	RECORDER MAKE	BEGIN & END	FILED TIDEDA	COMMENT
21410	Waihi	Waihi	N105:564136	49.7		WR,PL,SI	NAWS	F&P	68	yes	
21437	Hangaroa	Donneraille Park	N106:984298	578	Mu	WR,WQ,SI	NAWS	Fox	74	yes	
21601	Tanekenui	Glenstrae	N115:661925	20.6	Mu Gr	Rg	NAWS	Fox	69	yes	Vnotch-.75
21801	Mohaka	Raupunga	N115:542895	2370		MR,PI,SI	NAWS	F&P,Fox	58	yes	
21803	Mohaka	Glenfalls	N114:072775	997		PI,SI	NAWS	F&P	59	yes	
22502	Sandy Creek	SH 2	N114:317746	18.3		WR	HBCB	Tel	76	yes	
22503	Mahiaruhe	Tutira Outlet SH2	N114:303734			WR	HBCB	Cam	77	no	
22802	Usk	Waipunga Br	N124:244523	254	Li	SI,WS	NAWS	F&P	63	yes	
22832	Otakawai	Dam Site	N124:223618	26.2		WR	HBCB	Stev	78	no	
22901	Wharerangi	Coods	N124:238402	18.5		WR	HBCB	Lea	76	yes	
22902	Taipo	Rissington Rd	N134:269364	6.5		WR	HBCB	Tel	77	no	
22903	Anuriri Lagoon	Causeway	N124:279402			WR	HBCB	Tel,L&S	77	no	
23001	Tutaekuri	Puketapu	N134:121367	793		MR,FW	NAWS,HBCB	Fox,L&S(T)	68	yes	
23005	Ngahere	Ngahere	N123:860640	0.521	Gw NF	Rg	NAWS	F&P,Fox	68	yes	vnotch-.71
23007	Ngahere	Sub-basin	N123:866638	0.082	Gw NF	Rs	NAWS	F&P	74	yes	
23008	Ngahere	Sub-basin G/W	N123:866638	0.082		Rs	NAWS	F&P	77	yes	
23102	Ngaruroro	Fernhill	N134:185275	1930		FW	HBCB	Lea	52	yes	
23103	Ngaruroro	Whana Whana	N133:843320	1093		WR,FW,PI	NAWS,HBCB	L&S(T),Fox	60	yes	
23104	Ngaruroro	Kuripapango	N123:783533	370		WR,FW,PI	NAWS	F&P	63	yes	
23105	Poukawa	Douglas Rd.	N141:159059	83.9		FC	HBCB	Tel	74	yes	
23106	Taruarau	Taihape Rd.	N123:679464	259		PI,FW,WR	NAWS	Fox	63	yes	
23110	Ngaruroro	Ohiti	N134:122245	1750		WR,Ug	HBCB	L&S(T),Fox	71	yes	
23142	TutaekuriWaimate	SH50	N134:214298	35.4		FC	HBCB	Cam	74	no	
23148	Lake Oingo	Outlet	N134:181294	10.6		FC	HBCB	Tel	76	no	
23149	Lake Poukawa	Te Hauke	N141:124048	62		WR,FC	HBCB	Tel	76	no	

NAPIER MWD DISTRICT

SITE NUMBER	RIVER NAME	STATION NAME	MAP REFERENCE	ARLA sq km	GEOLOGY/ LANDUSE	PURPOSE	RECORDING AUTHORITY	RECORDER MAKE	BEGIN	FILED	COMMENT
									& END	TIDEDA	
23150	Ngaruroro	Chesterhope Br	N134:289264	1994		MR,WR	NAWS	F&P	76	yes	
23169	Irongat	Clarks Weir	N134:227209	6.5		WR,FC	HBCB	L&S	78	yes	
1023149	Tutaekuriwaimate	Goods Br.	N134:243302	42.4		WR,FC	HBCB	L&S	78	yes	
1023150	Karewarewa	Tuamoe Rd	N134:200160	126		WR	HBCB	Stev	78	no	
23201	Tukituki	Red Bridge	N134:338119	2380		MR,FW	NAWS	Fox	68	yes	
23205	Waipawa	Stewarts	N140:837976	279		WR	HBCB	Cam	78	no	
23209	Otane	Glendon	N141:015921	24.3	Li Gr	Rg	NAWS	F&P	64	yes	Flume
23210	Omakere	Fordale	N146:141751	54.4	Mu Gr	Rg	NAWS	F&P	63	yes	Flume
23211	Waipawa	Waipawa	N141:014843	673		WR,RS,II	NAWS	Fox	61	yes	
23218	Makaroro	Burnt Br.	N140:753001	122		RS,Rg	NAWS	Fox	75	no	
23219	waipawa	Fletchers X-ing	N140:753990	125		RS	NAWS	Fox	74	yes	
23220	Tukipo	SH50(Punawai)	N140:778823	84.5		WR	HBCB	Stev	76	yes	
23221	Mangatewai	SH50	N145:776795	44.6		WR	HBCB	Tel	76	yes	
23223	Maharakeke	Station Road	N145:884749	64.2		WR	HBCB	Stev	76	yes	
23227	Main Drain	McBain's	N141:083934	77.2		FC	HBCB	Cam	74	no	
23236	Makaretu	Watson's Reach	N145:755762	56.4		WR	HBCB	Stev	76	yes	
23237	Mangaono	SH50	N140:894986	31.9		WR	HBCB	Cam	75	yes	
23238	Onga Onga	Pettit Valley Road	N140:846887	35.3		WR	HBCB	Tel	76	yes	
23244	Kahanakuri	Lindsay Road	N141:938810	122		WR	HBCB	Stev	77	yes	
23246	Makara	Brooklands	N141:252867	23.1		WR,FC	HBCB	Cam	76	no	
32503	Manawatu	Weber Rd	N150:573491	713		WR,WQ,FW	MCB	E&V (T)	54	no	
32577	Manga-atua	SH2(Masterton)	N149:338358	83.2		FC	MCB	Tel	72	no	
32578	Tamaki	Picnic Reserve	N145:496635	11.4		FC	MCB	Tel	76	no	
32597	Manga-atua	SH2(Napier)	N149:392395	27.7		FC	MCB	Tel	76	no	
32598	Manga-atua	Coppermine Rd	N149:389462	16.2		FC	MCB	Tel	76	no	