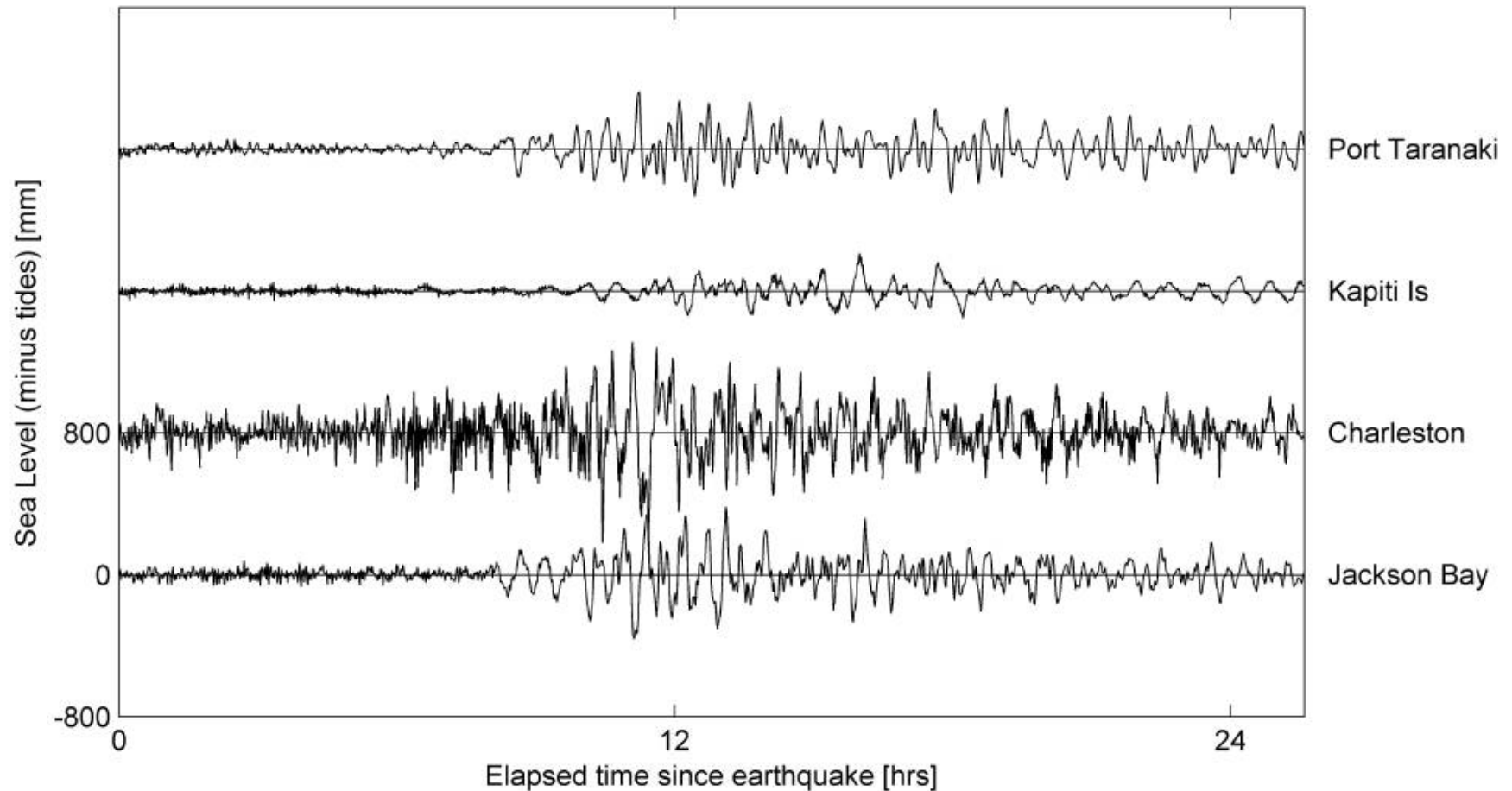


Gizo (Solomon Islands) tsunami:  $M_w$  8.1 2040 UTC 1-Apr-2007

New Zealand sea-level gauges on west coast (1 min recording interval)



## Tsunami Observations in New Zealand

Gizo (Solomon Islands), Magnitude 8.1, 20:40 UTC April 1, 2007 (08:40 2<sup>nd</sup> April NZST)

Tide Gauge	Lat (N)	Long (E)	Arrival Time 2 Apr (NZST)	Arrival Time 2 Apr (UTC)	Periods of waves (min)	Max wave height above mean level (cm)	Maximum peak-to- trough wave height (cm)	Time of peak wave height (NZST)	Time of peak wave height (UTC)
Charleston	-41.908	171.433	17:21	5:21	6'–8' on top of larger 28'– 32'	51	110	20:10 2 Apr	08:10 2 Apr
Jackson Bay (NTF-BoM)	-43.957	168.616	16:52	4:52	7'–11' on top of larger 27'– 32''	38	84	19:55 2 Apr	07:55 2 Apr
New Plymouth (Port Taranaki)	-39.055	174.033	17:10	5:10	10'–14' on top of larger 22'–24'	33	60	19:50 2 Apr	07:50 2 Apr
Little Kaiteriteri (Tasman DC)	-41.048	173.027	18:37	6:37	11'–13' & 30'	18	31	21:57 2 Apr	09:57 2 Apr
Kapiti Is.	-40.842	174.938	18:53	6:53	19'	21	30	00:38 3 Apr	12:38 2 Apr
Anawhata	-36.921	174.461	16:40	4:40	30'–40'	12	20	17:20 2 Apr	5:20 2 Apr
Kaingaroa, Chatham Is.	-43.732	183.733	18:20	6:20	10'–11'	10	20	18:40 2 Apr	06:40 2 Apr
Sumner Head	-43.570	172.773	20:50	8:50	15'–18' & 22'–30'	7	12	02:22 3 Apr	14:22 2 Apr
Kaikoura	-42.415	173.703	20:38	8:38	12'–14'	7	12	02:18 3 Apr	14:18 2 Apr

Acknowledgement: Sea-level gauge data supplied by National tidal Facility (Bureau of Meteorology) for Jackson Bay, Port Taranaki Ltd. for New Plymouth, Tasman District Council for Little Kaiteriteri and NIWA for other sites.

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