

From: [Media](#)
To: s 9(2)(a)
Subject: Gore fire danger
Date: Wednesday, 13 January 2021 11:34:00 am

Kia ora s 9(2)(a),

Thanks for your questions yesterday.

The following can be attributed to Drew Bingham, the lead scientist for the *Our atmosphere and climate 2020* report:

- The sites discussed in OAC2020 were not ranked in order of rate of change in days with very high or extreme fire danger.
- The fire danger at the Gore site has remained low, though it is one of six sites identified as having a very likely increasing trend. Of those six, further analysis shows Gore had the lowest increase in the number of days per year with very high or extreme fire danger. The data shows this increase was very likely between 0 and 1.7 days per decade from 1997 to 2019.
- Gore and Invercargill had three or less days per year on average with very high or extreme fire danger between 1997-2019. In comparison, sites like Tara Hills, Lake Tekapo, and Blenheim had an annual average of more than a month's worth of days with very high or extreme fire danger.

For further background:

- *Our atmosphere and climate 2020* (Figure 22 includes a map on the annual average number of very high and extreme fire risk days, 1999–2019):
<https://www.mfe.govt.nz/publications/environmental-reporting/chapter-3-changes-in-our-climate-and-environment-observed>

Cheers,
Marcus