Comparison of Citywide Temperature Change

Oakland continues to have a generally mild climate, with higher temperatures occurring on relatively few days each year. However, in recent years, we are seeing more frequent and intense heat events. Our facilities were not designed for these changing conditions.

Metric	Historical (30-Year)	Recent Trend (Last 5 Yrs)	Most Frequent Months
Hot Days (≥80°F)	20–40 Calendar Days **10-20 School Days**	30–50 calendar days **15-25 School Days**	Between August - October
Very Hot Days (≥90°F)	5–10 calendar days **2-5 School Days**	8–15 calendar days **4-7 School Days**	Between September, October
Heat Wave Frequency	Occasional	More frequent	September
Cooling at Night	More consistent - Temperatures reliably drop at night, allowing buildings to cool down	Less consistent - Temperatures stay elevated overnight so buildings don't cool properly	During Heat Events

Sources:

1) National Oceanic and Atmospheric Administration (NOAA), 1991-2020.
2) Cal-Adapt – Statewide climate data and projections.
3) Western Regional Climate Center (WRCC) – Regional climate summaries and historical weather data.