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SCHEDULE 8

INFORMATION TO BE OBTAINED AND COLLATED ON OZONE CONCENTRATIONS, AND CRITERIA FOR AGGREGATING DATA AND CALCULATING STATISTICAL PARAMETERS

PART I

INFORMATION ON OZONE CONCENTRATIONS

The following information on ozone concentrations shall be obtained and collated:

	<i>Type of station</i>	<i>Level</i>	<i>Averaging/accumulation time</i>	<i>Provisional date for each month from April to September</i>	<i>Report for each year</i>
Information threshold	Any	180µg/m ³	1 hour	— for each day with any exceedance date, total hours of exceedance maximum 1 hour ozone and related NO ₂ values when required. — monthly 1 hour maximum ozone.	— for each day with any exceedance: date, total hours of exceedance, maximum 1 hour ozone and related NO ₂ values when required.
Alert threshold	Any	240µg/m ³	1 hour	— for each day with any exceedance: date, total hours of exceedance, maximum 1 hour ozone and related NO ₂	— for each day with any exceedance: date, total hours of exceedance, maximum 1 hour ozone and related NO ₂ values when required.

(a) in this Schedule, “AOT40” has the same meaning as in paragraph (d) of Part I to Schedule 1.

(b) maximum daily 8-hour mean.

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	<i>Type of station</i>	<i>Level</i>	<i>Averaging/accumulation time</i>	<i>Provisional date for each month from April to September</i>	<i>Report for each year</i>
Health protection	Any	120µg/m ³	8 hours	values when required – for each day with any exceedance: date, 8 hours maximum ^(b)	– for each day with any exceedance: date, 8 hours maximum ^(b)
Vegetation protection	Suburban, rural, rural=background	AOT40 ^(a) 6,000 µg/m ³ ·h	1 hour, accumulated from May to June		Value
Forest protection	Suburban, rural, rural=background	AOT40 ^(a) 20,000 µg/m ³ ·h	1 hour, accumulated from April to September		Value
Materials	Any	40µg/m ³	1 year		Value

(a) in this Schedule, “AOT40” has the same meaning as in paragraph (d) of Part I to Schedule 1.

(b) maximum daily 8-hour mean.

Where they do not do so already, annual reports must also contain:

- (a) for ozone, nitrogen dioxide, oxides of nitrogen and the sums of ozone and nitrogen dioxide (added as parts per billion and expressed in mg/m³ ozone) the maximum, 99.9th, 98th and 50th percentiles and annual average and number of valid data from hourly series; and
- (b) the maximum, 98th and 50th percentile and annual average from a series of daily 8-hour ozone maxima.

Data submitted in monthly reports are considered provisional and shall be updated where necessary in subsequent submissions.