

Storm Glass.

Compound name:

1,7,7-Trimethylbicyclo
(2.2.1)heptan-2-one

Compound name:

Camphor

Found in:

Weather forecast,
and in celluloid, eg.
for table tennis balls



Storm glass or chemical weather glass

The storm glass was popular in the 1860's as a method for predicting the weather. The liquid in a storm glass usually contains camphor, potassium nitrate and ammonium chloride, dissolved by alcohol, with water and some air. The state of crystallisation within the liquid was believed to be related to the weather.

Stars	Crystals	Clear	Cloudy	Small dots	Cloudy with stars
Snow	Frost	Bright & clear	Cloudy	Foggy & humid	Thunder

How could this work?

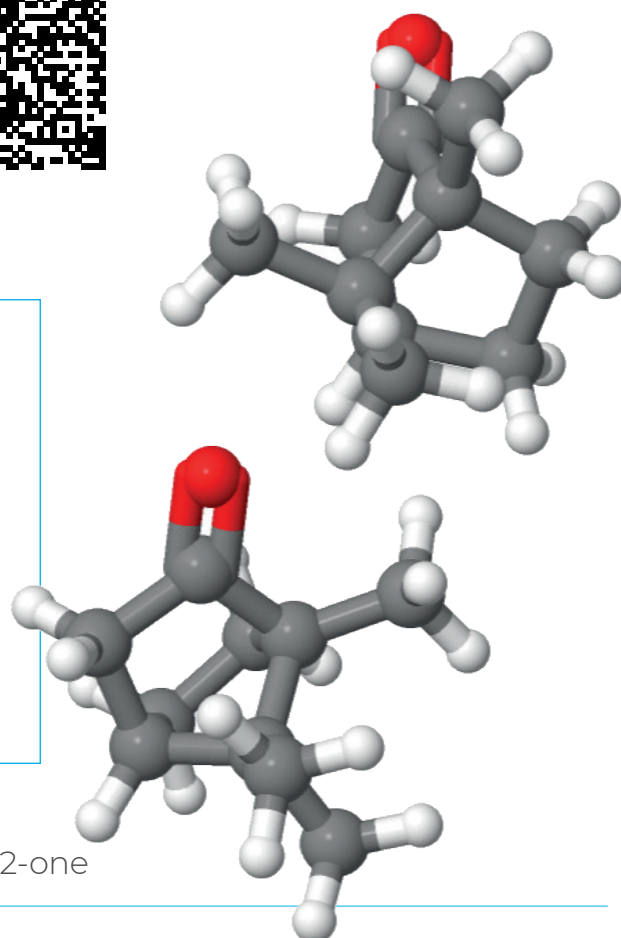
The chemicals crystallise depending on the temperature and the rate of change of the temperature could indicate the weather.

Storm Glass.

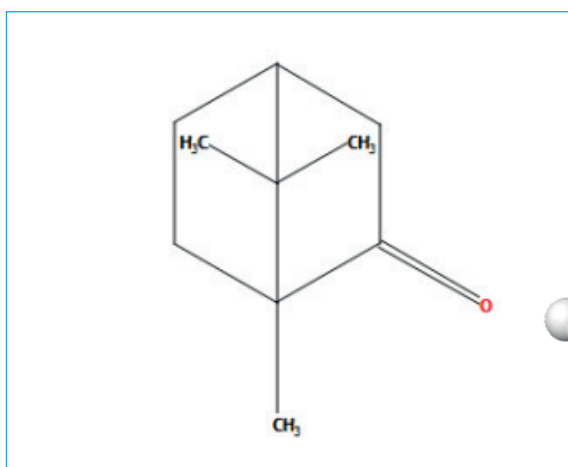
CSD Entry:
UGAHUF



3D structure:



2D diagrams:



Compound name:

1,7,7-Trimethylbicyclo(2.2.1)heptan-2-one

Synonyms:

Camphor

Fun fact:

Camphor is one of the chemicals in the liquid in a “Storm Glass”, a method popular in the 1860s for indicating the weather