

Proposed New Words and Climate Terms

'Complatic influences' would define the accumulative effects of multiple influences from earth, air and water that combine to cause or change climate.

'Klimatric' (Kmc) unit = 1000 cubic meters (volume)

Hypothetical examples of how Klimatric unit would be applied:

The volume of cloud formed in the atmosphere from the evapotranspiration of moisture from a wetland = 18.5 Klimatric (Kmc) units per hectare.

The average annual volume of ice lost from the xyz glacier in the Andes' = 13,560 Klimatric (Kmc) units.

'Thermatric' (Tmc) unit = equivalent thermal energy required to raise **'Klimatric'** (Kmc) unit of air / water 1 degree Celsius.

Hypothetical examples of how Thermatric unit would be applied:

The water temperature in the lake is raised by from discharge of the cooling water from the xyz electrical generating plant = 12 Thermatric units per day.

The air temperature at the surface of land burned by the fire is raised by 7 Thermatric units per hectare compared with the surrounding unburned forest .

'Asmatric' (Amc) unit = Airflow equivalent to move **'Klimatric'** (Kmc) unit of air 100 metres in 1 minute.

Hypothetical examples of how Asmatric unit would be applied:

The storm cell generated winds equivalent to 5600 Asmatric units.

The jet stream over the Pacific Ocean can move air at 500,000 Asmatric units per minute.

'Humatric' (Huc) unit = Equivalent humidity of X litres of water in one **'Klimatric'** (Kmc) unit of atmosphere.

Hypothetical examples of how Humatric unit would be applied:

The seasonal variation of humidity can range from 0.5 Humatric units in summer to 15.8 Humatric units in winter.

After the tropical storm the humidity in the valley went up to 60 Humatric units.

'Unimatric' (Umc) unit = 1 cubic kilometer (volume)

Hypothetical examples of how Unimatric unit would be applied:

The storm moving west over the Atlantic is more than 5,600 Unimatric units in size.

The ice sheet that broke away from Antarctica has a volume of more than 95 Unimatric units.

Other new words that could be included in an updated vocabulary:

'Complation' ... would define all of the specific influences that, for example, caused a tornado.

'Meteoreal data' ... would define information and data in layman's terms. *E.g. Currently humidity is calculated with this formula*

$$\phi = \frac{SH * p}{(0.622 + SH)p_{(H_2O)}^*} \times 100$$

'Climatorialist' ... a person that studies climate as an intricate, complex state affected by forces that compound over time and scale.

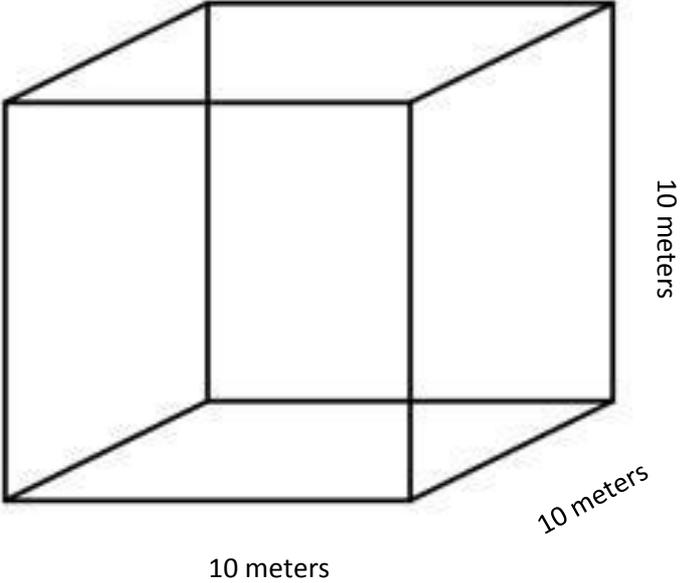
Please send input or feedback to this proposal through my website

Web <http://www.innovationbc.com>

Trevor Wicks TRENTEC INNOVATIONS LTD. July 20th 2012

'Klimatric' (Kmc) unit = 1000 cubic meters

About the same volume as a medium sized house



Hypothetical examples



Volume of gasses and heat expelled from a jet per minute as Klimatric units

Heat generated by a jet per minute as Thermatric units



Volume of contaminated water expelled from pipe in one hour = x Klimatric units

Volume of water contaminated after one day = xx Klimatric units

Volume of water contaminated after one month = xxxx Klimatric units



Volume of garbage produced by one family in one generation = x Klimatric units

Volume of garbage produced by Los Angeles in one year = xxxxx Klimatric units



Amount of thermal energy required to evaporate of one Klimatric unit of snow = xxx Thermatric units