

# Atmospheric parameters at telescope sites 2023/05/10

New branch in UCD Tree to feed

## obs.atmos

New branch to feed :

Encoding	<i>existing terms</i> (in slanted font)	<b>+new term</b>	<b>(+ in bold font)</b>
obs			
	<i>.airMass</i>	<b>Q</b>	<i>Airmass</i>
	<i>.atmos</i>	<b>S</b>	<i>Atmosphere, atmospheric phenomena affecting an observation</i>
	<i>.extinction</i>	<b>Q</b>	<i>Atmospheric extinction</i>
	<i>.refractAngle</i>	<b>Q</b>	<i>Atmospheric refraction angle</i>
	<b>+.humidity</b>	<b>Q</b>	Related to the amount of air humidity at observing site during an observation
	<b>+.rain</b>	<b>Q</b>	Related to the amount of rain at observing site during an observation
	<b>+.turbulence</b>	<b>S</b>	Related to the atmospheric turbulence during an observation at observing site
	<b>?isoplanatic</b>	<b>P</b>	Isoplanatic angle characterizing turbulence during an observation at observing site could simply be instead: <i>pos.angDistance;obs.atmos.turbulence</i>
	<b>+.water</b>	<b>Q</b>	Related to the amount of atmospheric water at observing site during an observation
	<b>+.wind</b>	<b>Q</b>	Related to the amount of wind at observing site during an observation

New term : **dew**

phys

.temperature

+ **.dew**

Q Dew temperature at observing site during an observation

*.effective*

Q Effective temperature

*.electron*

Q Electron temperature