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|-------------------|----------|--------------------------|----------------------------------|--|
| | | | | |
| C° | Ta | Thermograph | Air Temperture | |
| % | RH | Hygrograph | Air Humidity | |
| mbar | e | Barograph | Air Pressure | |
| m/sec | Ws | Anemometer | Windos Speed | |
| N NWW | Wd | | Windos Direction | |
| mm | P | Rain gauge | | |
| Joul , Ly, Ly/min | SR NR | Rudiation Measuremint | Solar Rudiation Net Rudiation | |
| mm | Ev | | Evaporation Bain | |
| C° | Ts | | Soil Temperture | |
| (mm) % | θ | | Soil water content | |

$$C^{\circ} = \frac{5}{9}(F^{\circ} - 32)$$

$$K^{\circ} = C^{\circ} + 273$$

$$R^{\circ} = F^{\circ} + 460$$

F°

C°

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) Tn

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) Tm

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) Td

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) Tw

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) Ta

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Net Ruidiation

Solar Ruidiation

(J)

(Cal)

$$1 \text{ Cal} = 4.186 \text{ J}$$

,

$$1 \text{ BTU} = 252 \text{ Cal}$$

(BTU)

/

(J/m²) /

Langley

(Cal/cm²)

$$1 \text{ Cal/cm}^2 = \text{LY}$$

$$. (\text{BTU/ft}^2) /$$

./

(LY/min)

/

(Cal/cm².min)

./

./

(watt/m²)

(J/m².sec)

.(BTU/ft².min)

$$1 \text{ LY/min} = 697.6 \text{ watt/m}^2$$

$$1 \text{ LY/min} = 3.687 \text{ BTU/m}^2 \cdot \text{min}$$