

# **The Experiments of Weather Instruments & Observations lab.**

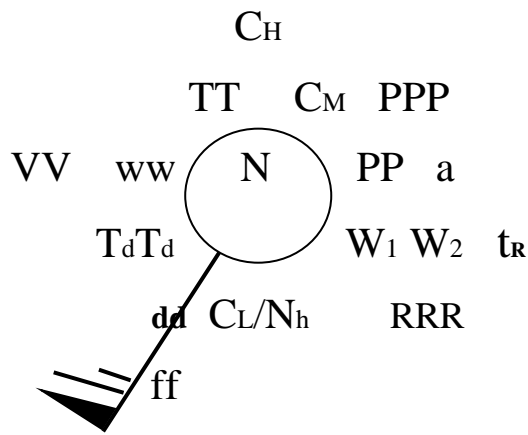
**(First Semester)**

**ASD / 2<sup>nd</sup> Stage**

**2021 - 2022**

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*The arrangement of the atmospheric elements around the station is as follows*



## *Solar radiation measuring devices:*

- 1. A device for measuring the intensity of solar radiation either by an Actinometer or an Actinograph.*
- 2. The sunshine period measuring device (Campbellstock).*



*Campbellstock*



*Actinograph*

## *Evaporation*

*The evaporation rate refers to the amount of water lost in milliliters*

*Within 24 hours, and one of the most important devices is the evaporation basin class A.*



# AAXX 15063

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<b>A</b>	<b>1</b>	<b>40769</b>	<b>42960</b>	<b>12605</b>	<b>10043</b>	<b>20012</b>	<b>40212</b>	<b>58001</b>			<b>81002</b>
	<b>2</b>	<b>40631</b>	<b>41905</b>	<b>03205</b>	<b>10160</b>	<b>20060</b>	<b>40105</b>	<b>55001</b>		<b>73230</b>	
	<b>3</b>	<b>40658</b>	<b>41/01</b>	<b>90802</b>	<b>10066</b>	<b>20064</b>	<b>40149</b>	<b>52012</b>		<b>74744</b>	
	<b>4</b>	<b>40310</b>	<b>11540</b>	<b>81502</b>	<b>10139</b>	<b>20098</b>	<b>40167</b>	<b>56020</b>	<b>60072</b>	<b>76062</b>	<b>888//</b>
	<b>5</b>	<b>40361</b>	<b>11557</b>	<b>72308</b>	<b>10061</b>	<b>20049</b>	<b>40132</b>	<b>55013</b>	<b>60031</b>	<b>79392</b>	<b>85963</b>
<b>B</b>	<b>1</b>	<b>40811</b>	<b>42560</b>	<b>32304</b>	<b>10078</b>	<b>20055</b>	<b>40148</b>	<b>52014</b>			<b>82106</b>
	<b>2</b>	<b>40373</b>	<b>41905</b>	<b>02618</b>	<b>10162</b>	<b>20048</b>	<b>40105</b>	<b>53001</b>		<b>73330</b>	
	<b>3</b>	<b>40629</b>	<b>41903</b>	<b>40403</b>	<b>10045</b>	<b>20041</b>	<b>40181</b>	<b>57002</b>		<b>74341</b>	<b>84602</b>
	<b>4</b>	<b>40039</b>	<b>11540</b>	<b>71203</b>	<b>10114</b>	<b>20090</b>	<b>40168</b>	<b>53009</b>	<b>60042</b>	<b>76166</b>	<b>87820</b>
	<b>5</b>	<b>40394</b>	<b>11438</b>	<b>71508</b>	<b>10092</b>	<b>20075</b>	<b>40127</b>	<b>53001</b>	<b>60082</b>	<b>78281</b>	<b>86845</b>
<b>C</b>	<b>1</b>	<b>40766</b>	<b>42960</b>	<b>43006</b>	<b>10023</b>	<b>20018</b>	<b>40183</b>	<b>52008</b>			<b>84030</b>
	<b>2</b>	<b>40684</b>	<b>41903</b>	<b>03016</b>	<b>10186</b>	<b>20025</b>	<b>40098</b>	<b>53003</b>		<b>73130</b>	
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	<b>4</b>	<b>40642</b>	<b>11530</b>	<b>81208</b>	<b>10171</b>	<b>20124</b>	<b>40101</b>	<b>58017</b>	<b>60012</b>	<b>76022</b>	<b>8552/</b>
	<b>5</b>	<b>40375</b>	<b>11557</b>	<b>81306</b>	<b>10142</b>	<b>20106</b>	<b>40153</b>	<b>56011</b>	<b>60032</b>	<b>76462</b>	<b>84326</b>
<b>D</b>	<b>1</b>	<b>40782</b>	<b>42560</b>	<b>42805</b>	<b>10140</b>	<b>20087</b>	<b>40178</b>	<b>56009</b>			<b>84500</b>
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	<b>4</b>	<b>40250</b>	<b>11133</b>	<b>81910</b>	<b>10045</b>	<b>20042</b>	<b>40019</b>	<b>58023</b>	<b>60092</b>	<b>76362</b>	<b>887//</b>
	<b>5</b>	<b>40835</b>	<b>41520</b>	<b>81410</b>	<b>10068</b>	<b>20054</b>	<b>40172</b>	<b>52008</b>		<b>75651</b>	<b>8745/</b>