

The Experiments of Weather Instruments & Observations lab.

(Second Semester)

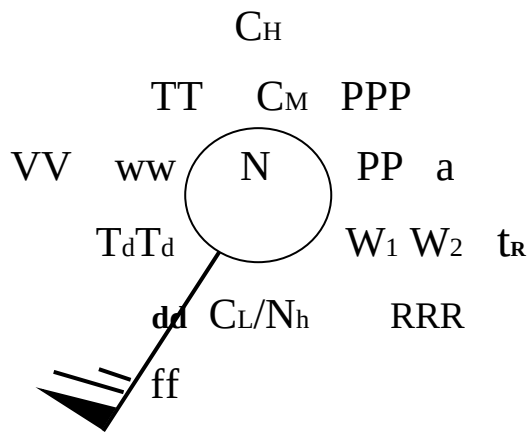
ASD / 1st Stage

2025 - 2026

**Lecturers: Assist.prof. Ruaa mazin , Assist.prof. Hassan mahmood,
L. Yasamin qusay**

Preparing by: Assist.prof. Ruaa M. Ibraheem, L. Nagham T. Ibraheem

*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

		IIiii	I _R L _X h _{VV}	Nddff	1SnT ^{TT}	2SnT _d T _d T _d	4PPPP	5aPPP	6RRRt _r	7wwW ₁ W ₂	8N _h Cl _L C _M CH
A	1	40769	42960	12605	10043	20012	40212	58001			81002
	2	40631	41905	03205	10160	20060	40105	55001		73230	
	3	40658	41/01	90802	10066	20064	40149	52012		74744	
	4	40310	11540	81502	10139	20098	40167	56020	60072	76062	888//
	5	40361	11557	72308	10061	20049	40132	55013	60031	79392	85963
B	1	40811	42560	32304	10078	20055	40148	52014			82106
	2	40373	41905	02618	10162	20048	40105	53001		73330	
	3	40629	41903	40403	10045	20041	40181	57002		74341	84602
	4	40039	11540	71203	10114	20090	40168	53009	60042	76166	87820
	5	40394	11438	71508	10092	20075	40127	53001	60082	78281	86845
C	1	40766	42960	43006	10023	20018	40183	52008			84030
	2	40684	41903	03016	10186	20025	40098	53003		73130	
	3	40405	41925	22703	10030	20028	40124	56009		71042	82600
	4	40642	11530	81208	10171	20124	40101	58017	60012	76022	8552/
	5	40375	11557	81306	10142	20106	40153	56011	60032	76462	84326
D	1	40782	42560	42805	10140	20087	40178	56009			84500
	2	40650	41903	52520	10166	20041	40132	52003		73230	84236
	3	40357	41405	43403	11002	21003	40201	53002		74441	84600
	4	40250	11133	81910	10045	20042	40019	58023	60092	76362	887//
	5	40835	41520	81410	10068	20054	40172	52008		75651	8745/