

Ionești Govorii – 28 Aug - 17 Noiembrie 2014

Referința conservare frescă:

European Standard EN15251 (2007)

Limitele:

Temperatura: 6 – 25°C

RH: 45 – 60%

Referința conservare lemn:

1. American Society of Heating, Refrigerating and Air-Conditioning Engineers - ASHRAE (Museum 2007)

RH

Ideal: 50%

Variatii: +/- 5% și sezoniere +/-10%

2. The National Trust Specifications for Conservation Climate Control (Staniforth et al. 1994)

Control to constant RH: set-point 58% (may need to be stepped down from a higher level when bringing the building under control)

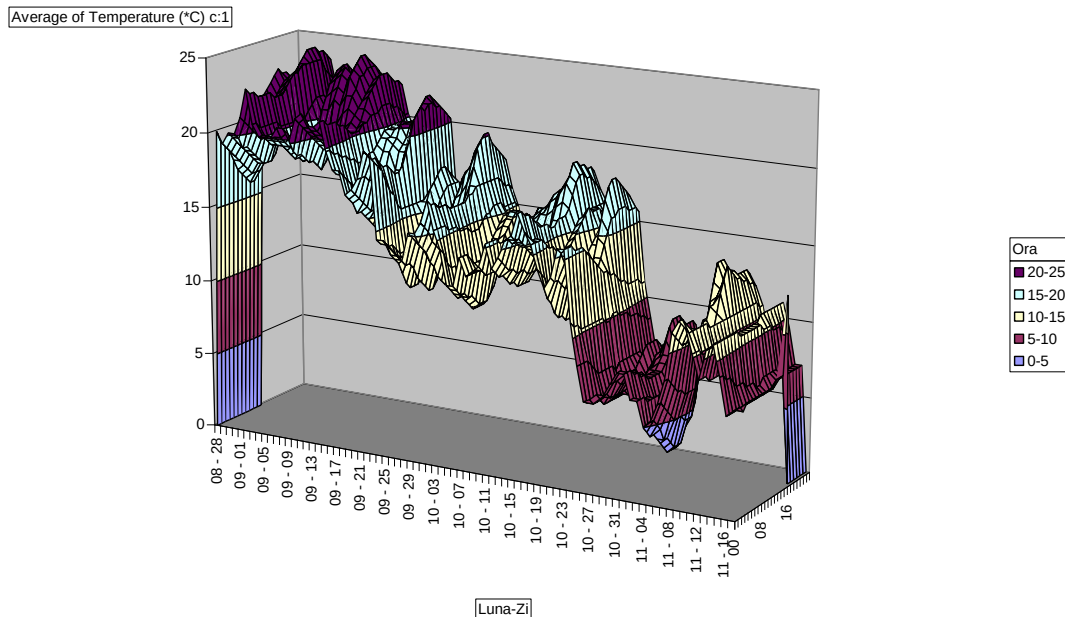
Alarms *First level*: RH below 50% or above 65%

Second level: RH below 40% or above 75%

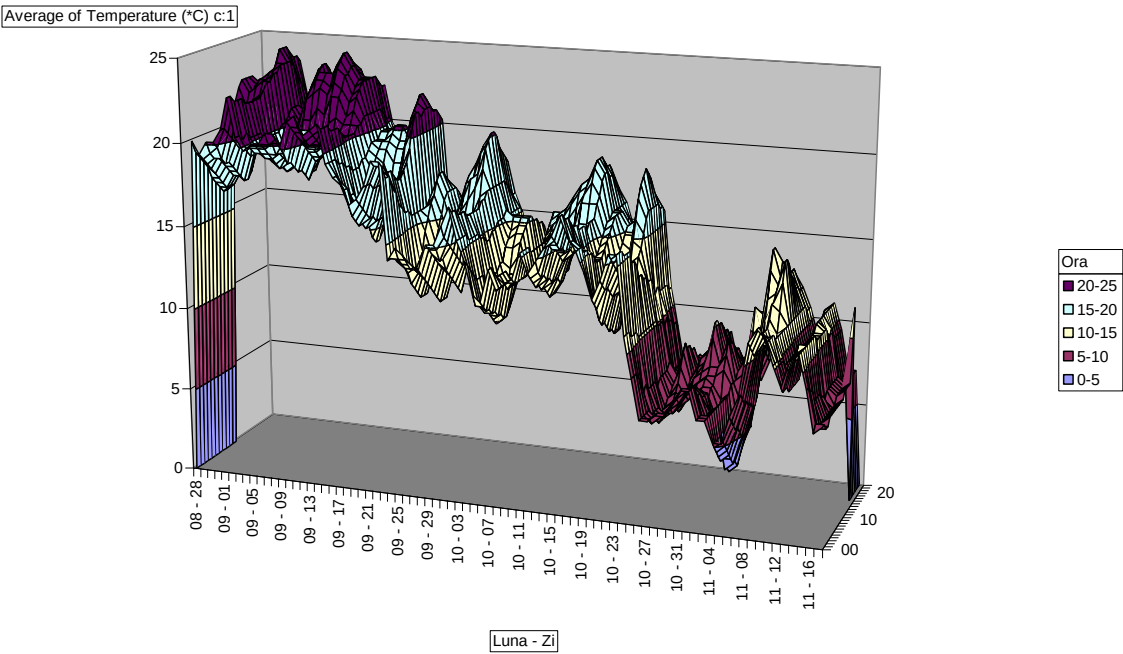
a lower temperature limit was specified of 5°C to prevent water freezing, and upper temperature limits of 18 °C in winter and 22 °C in summer

Distributia T(°C) pe parcursul intervalului

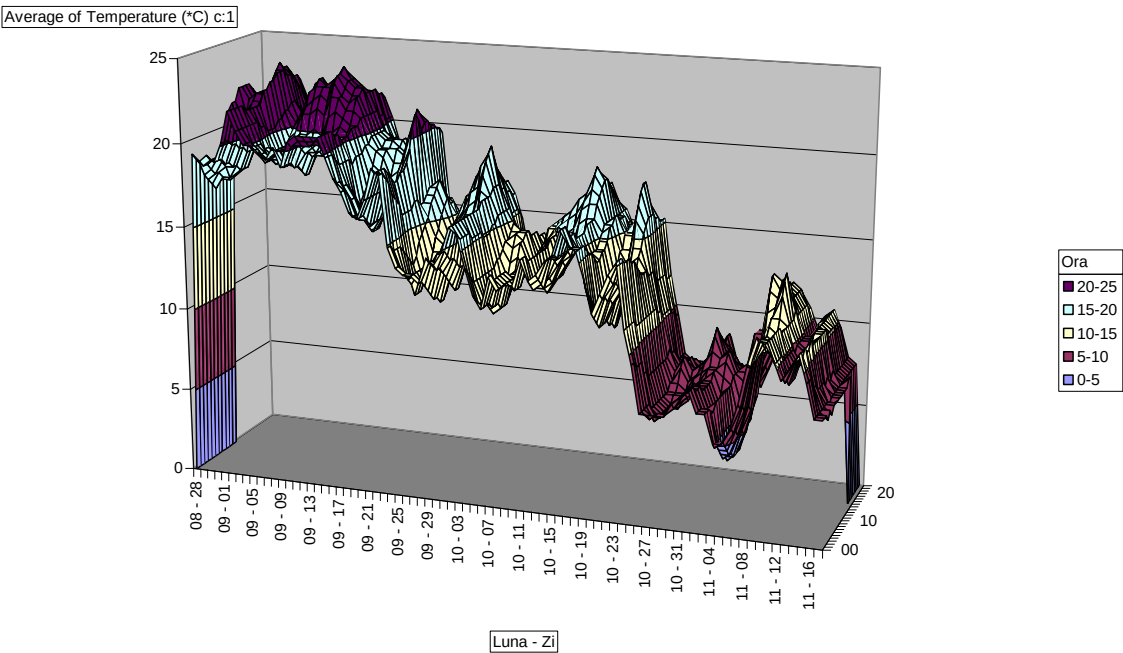
S3 – Altar



S5 – Naos



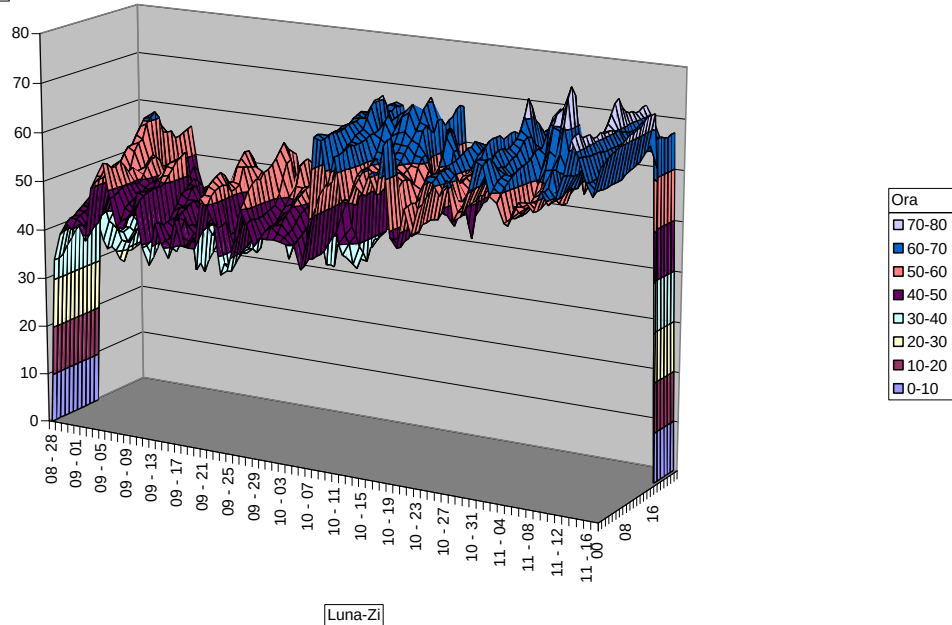
S7 – Pronaos



Distributia RH (%) pe parcursul intervalului

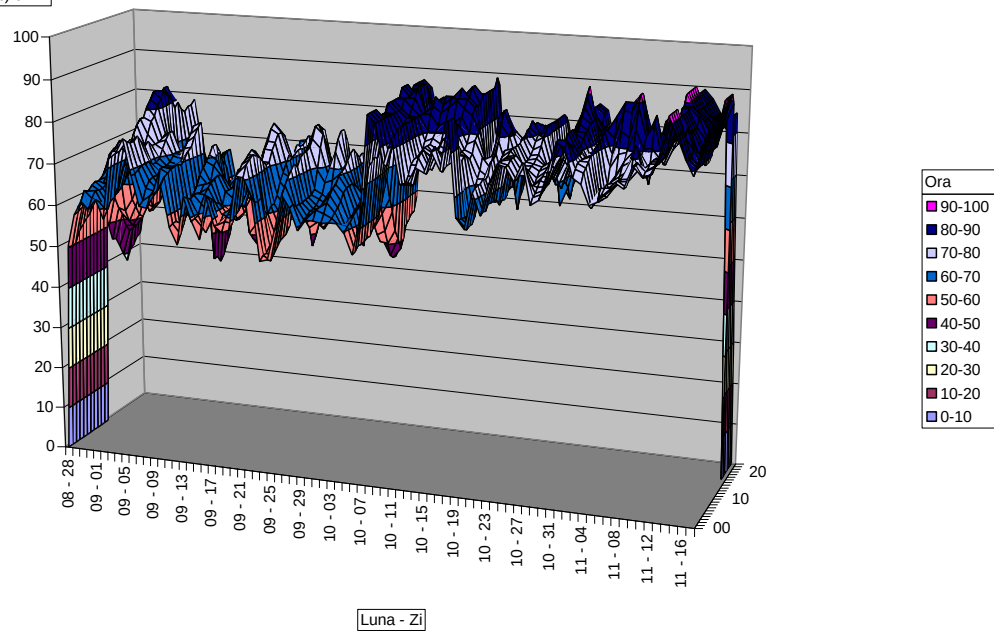
S3 – Altar

Average of RH (%) c:1 2

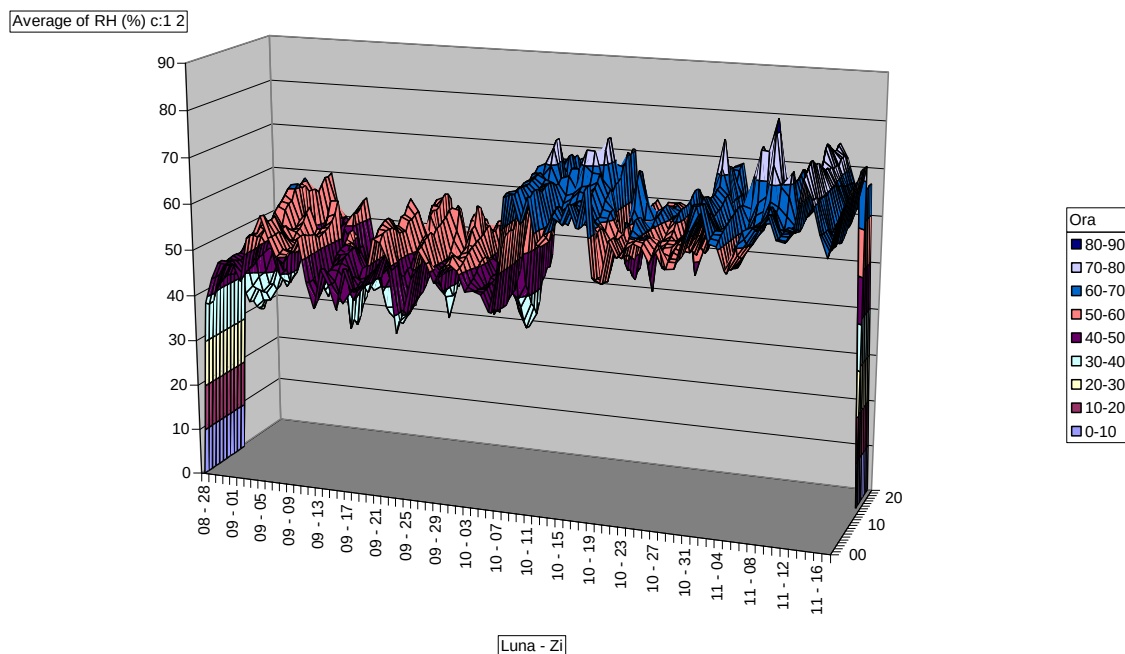


S5 – Naos

Average of RH (%) c:1 2



S7 – Pronaos



Limitele parametrilor de microclimat pe parcursul intervalului

Senzor S3 - Altar

	Temperature (*C)	RH (%)	Dew Point (*C)
Minim	2,46	27,20	- 5,52
Maxim	24,40	77,60	13,18
Medie	14,33	53,16	4,61

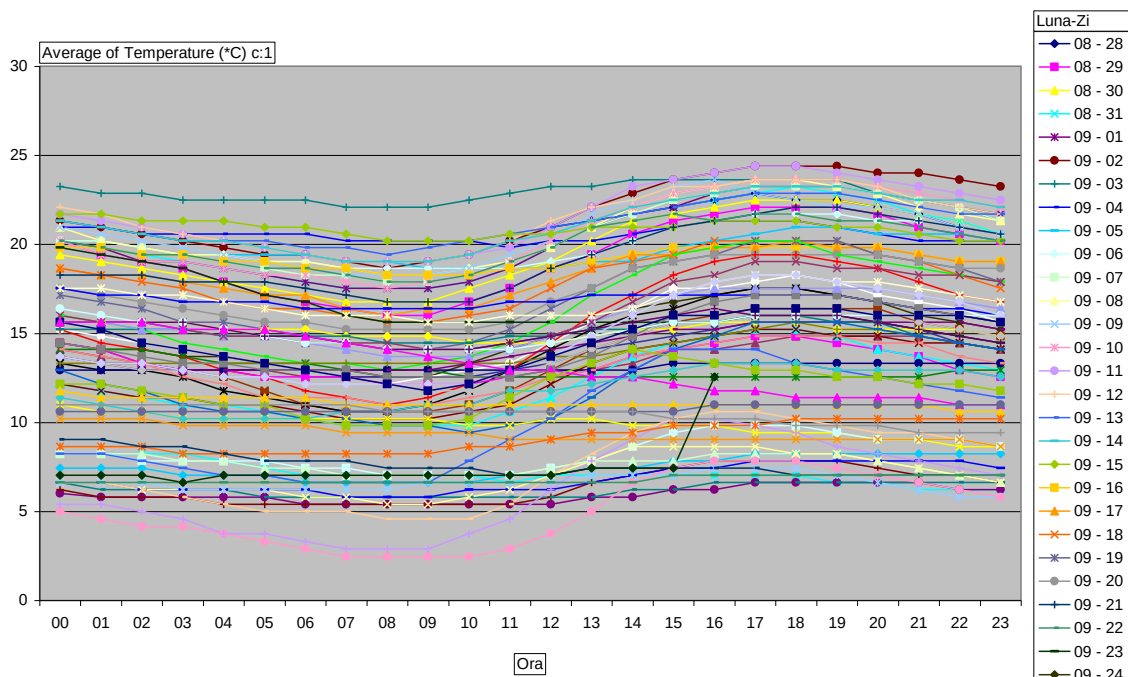
Senzor S5 - Naos

	Temperature (*C)	RH (%)	Dew Point (*C)
Minim	2,46	38,00	- 2,14
Maxim	24,40	91,70	18,05
Medie	14,36	71,08	8,98

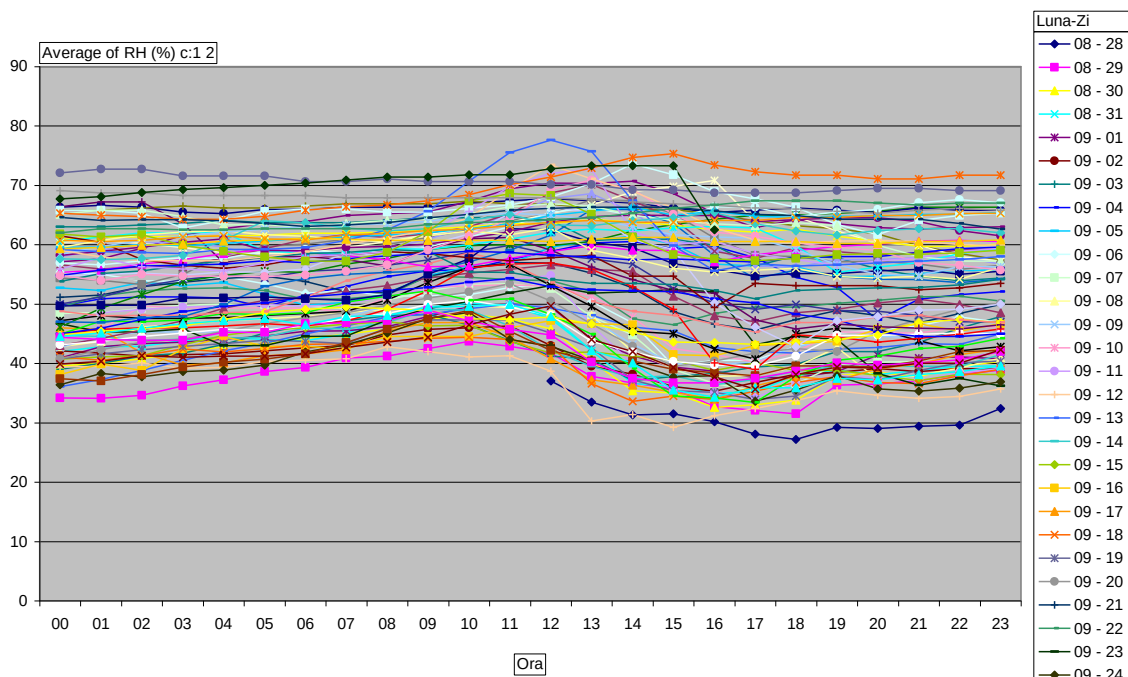
Senzor S7 - Pronaos

	Temperature (*C)	RH (%)	Dew Point (*C)
Minim	3,31	29,00	- 5,01
Maxim	23,63	82,70	13,41
Medie	14,22	55,12	5,07

Distributia orara a T(°C) pe parcursul unui interval de 24 ore in fiecare zi a intervalului studiat (in Altar)



Distributia orara a RH(%) pe parcursul unui interval de 24 ore in fiecare zi a intervalului studiat (in Altar)



Amărăști – 28 Aug - 17 Noiembrie 2014

Referinta:

European Standard EN15251 (2007)

Limitele:

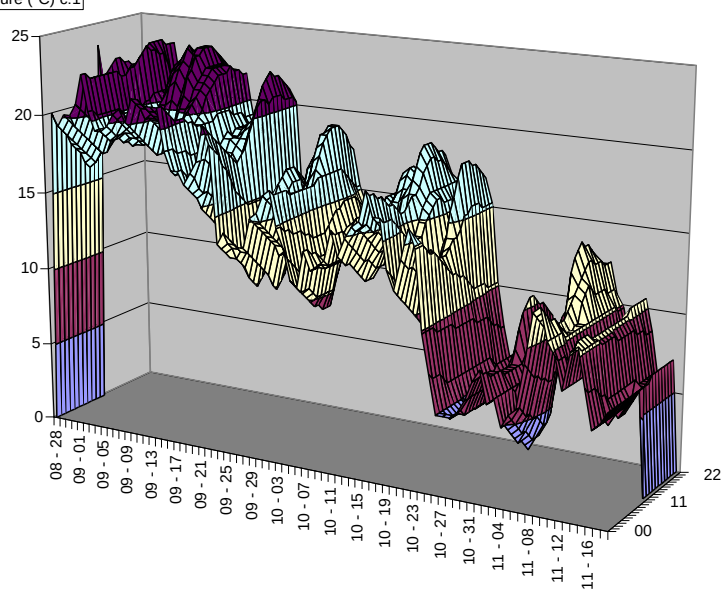
Temperatura: 6 – 25°C

RH: 45 – 60%

Distributia T(°C) pe parcursul intervalului

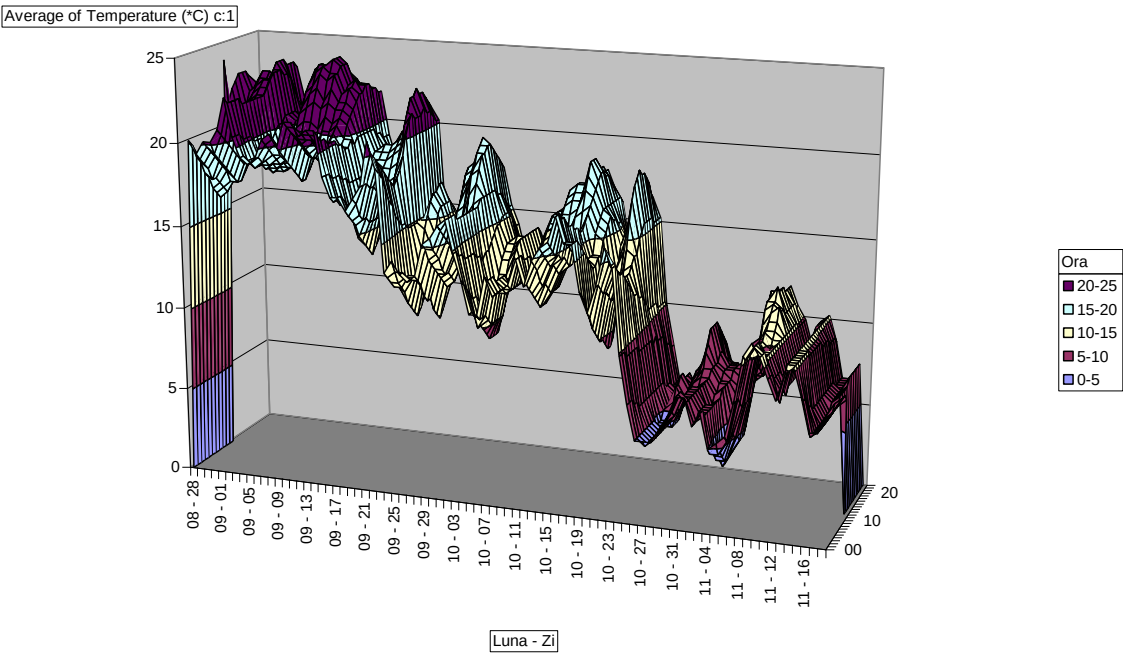
S4 – Altar

Average of Temperature (°C) c:1

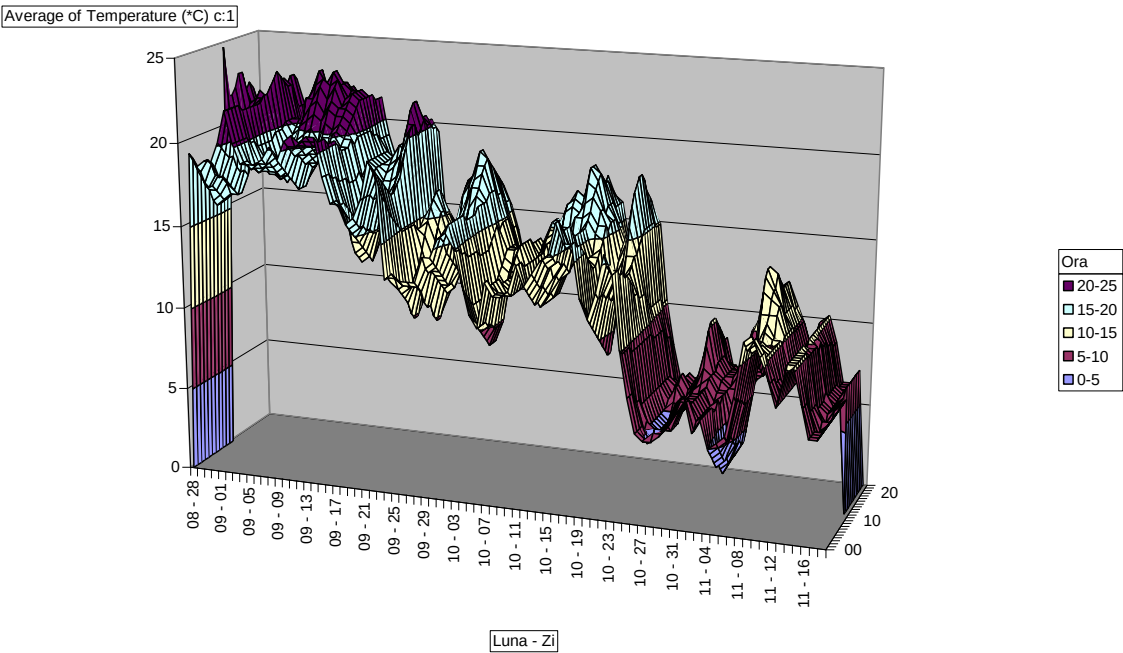


Luna - Zi

S6 – Naos

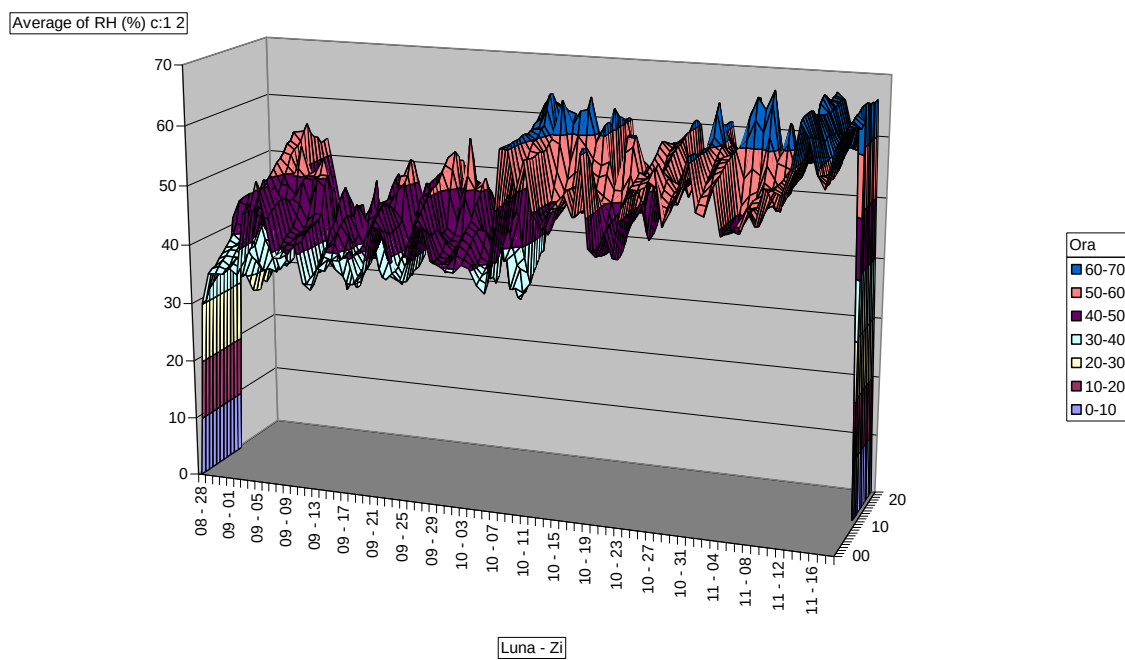


S8 – Pronaos

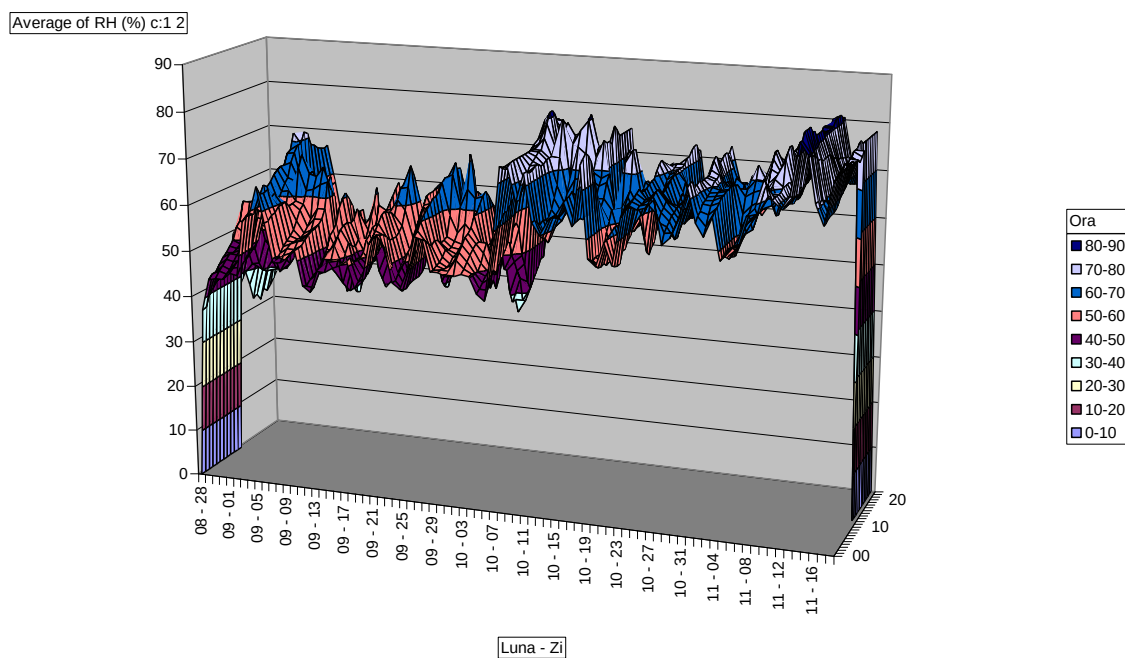


Distributia RH (%) pe parcursul intervalului

S4 – Altar



S6 – Naos



S8 – Pronaos

Din motive de defectare a senzorului de umiditate, parametrul RH pentru pronaos nu poate fi reprezentat.

Limitele parametrilor de microclimat pe parcursul intervalului

Senzor S4 - Altar

	Temperature (*C)	RH (%)	Dew Point (*C)
Min	2,46	26,4	-7,2
Max	23,63	69	11,47
Medie	13,86171	48,96643	3,015145

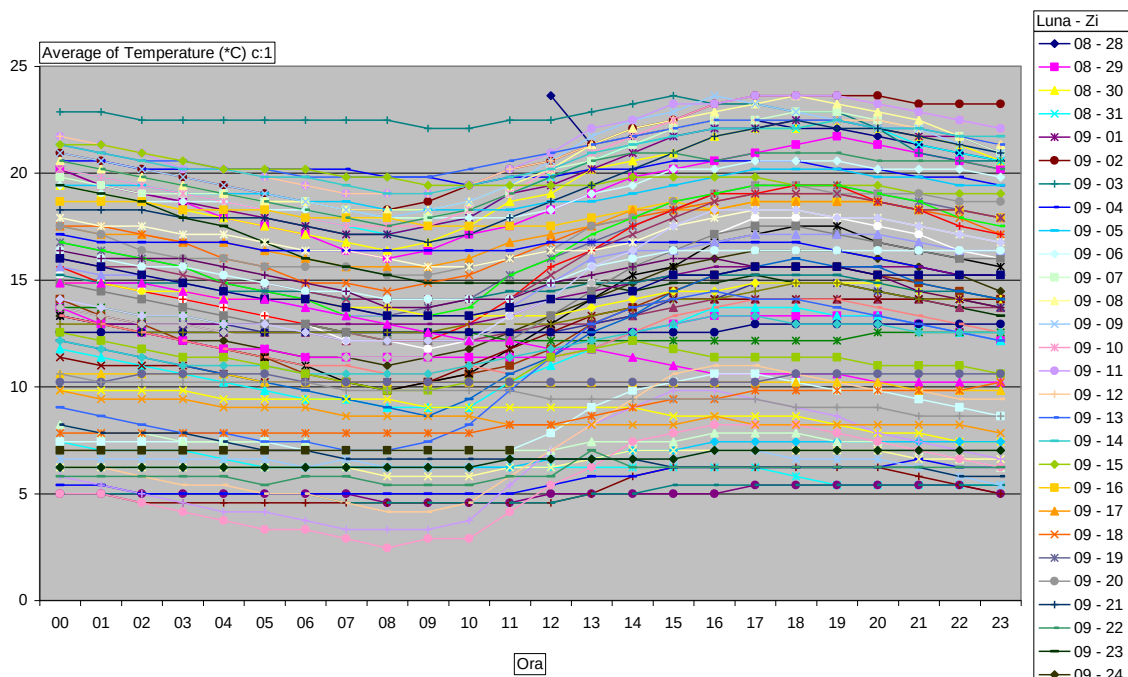
Senzor S6 - Naos

	Temperature (*C)	RH (%)	Dew Point (*C)
Min	2,89	31,6	-4,93
Max	24,01	84,1	15,26
Medie	13,86385	60,23906	6,013042

Senzor S8 - Pronaos

	Temperature (*C)
Min	2,46
Max	24,79
Medie	13,55236

Distributia orara a T(°C) pe parcursul unui interval de 24 ore in fiecare zi a intervalului studiat (in Altar)



Distributia orara a RH(%) pe parcursul unui interval de 24 ore in fiecare zi a intervalului studiat (in Altar)

