Potentialities of Air Force National Meteorological Service data archives

Col. Adriano RASPANTI

Aeronautica Militare

Archive on Africa outlook

Total number of observation sites/weather stations : 83

Originally on paper only

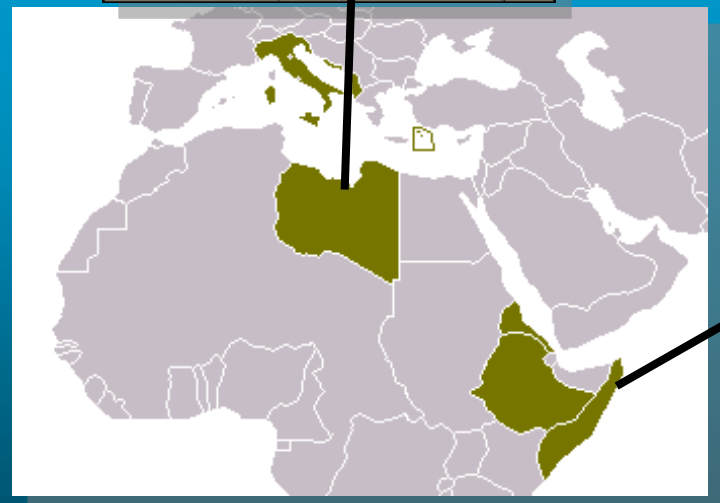
Meteo Parameters:

Synoptic code + several special observations (solar rad., evapotranspiration,…)

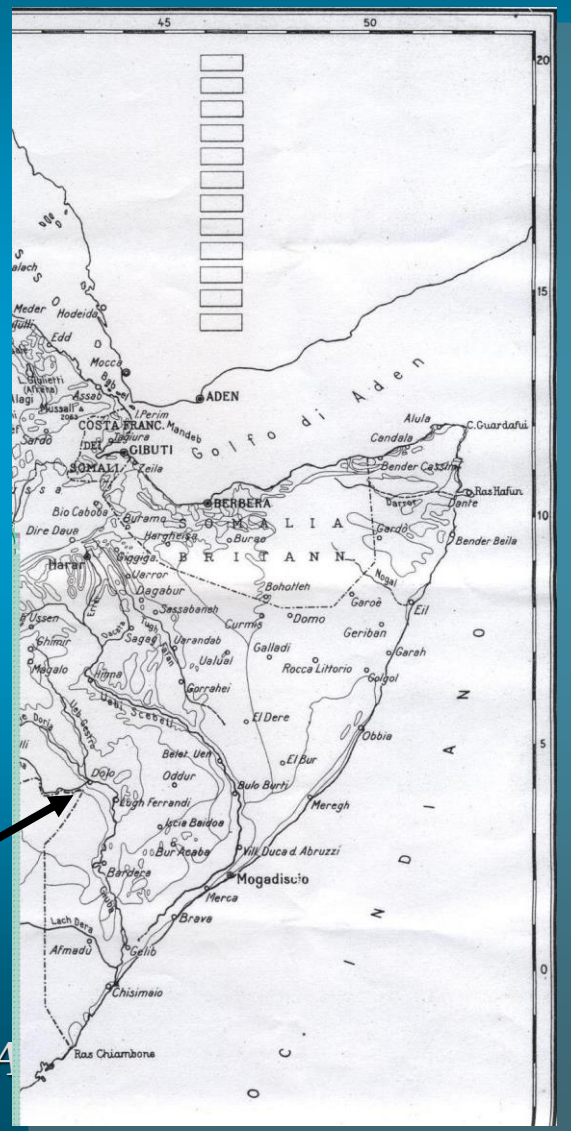
Periods of observations ranging from 1879 to 1960

But with several gaps ☹

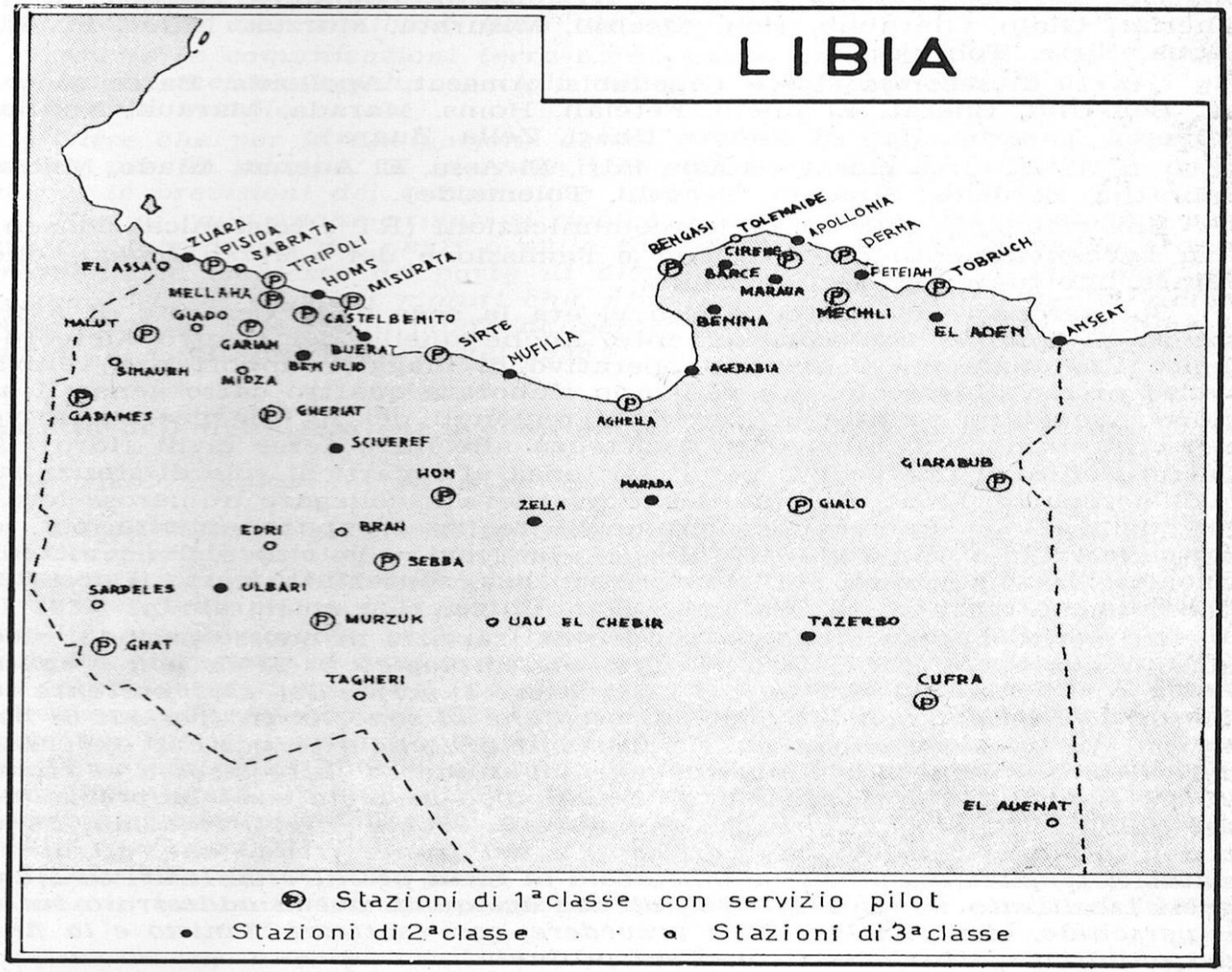
Libia



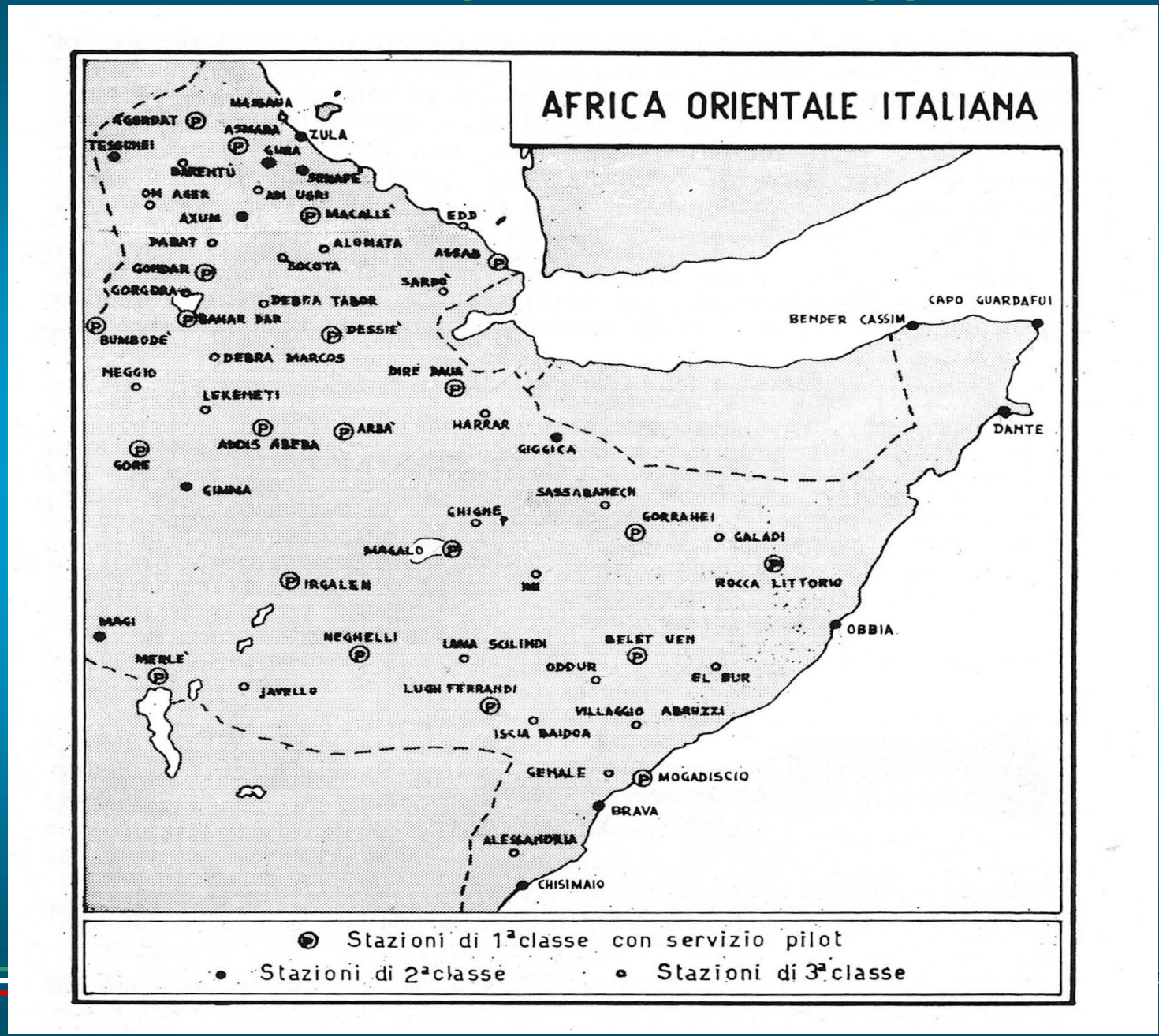
Eastern Africa :
Etiopia, Eritrea, Somalia



Archive on Africa (but not only): a closer look

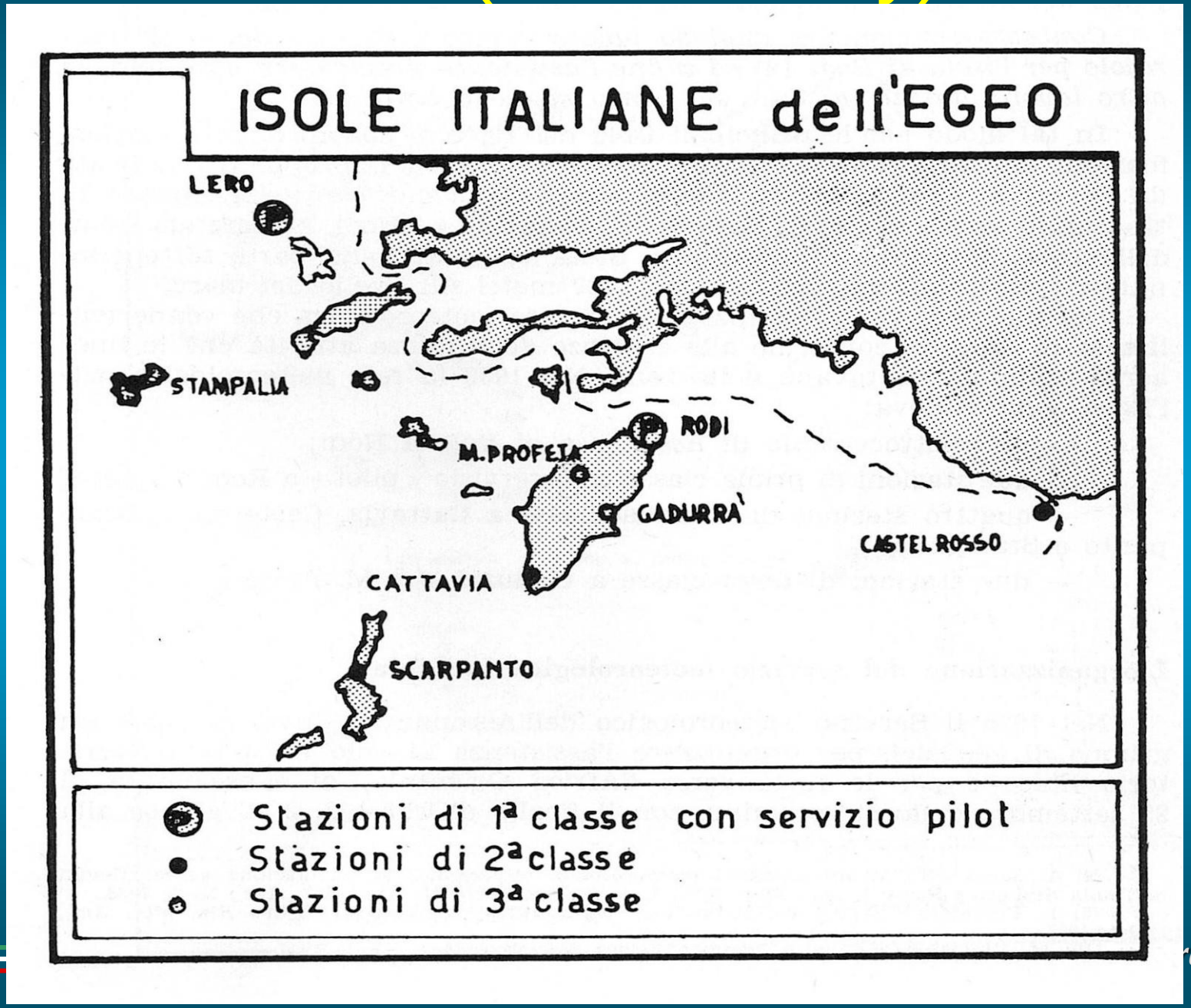


Archive on Africa (but not only): a closer look



Archive on Africa (but not only): a closer look

Archive on Africa (but not only): a closer look



Archive on Africa (but not only): a closer look

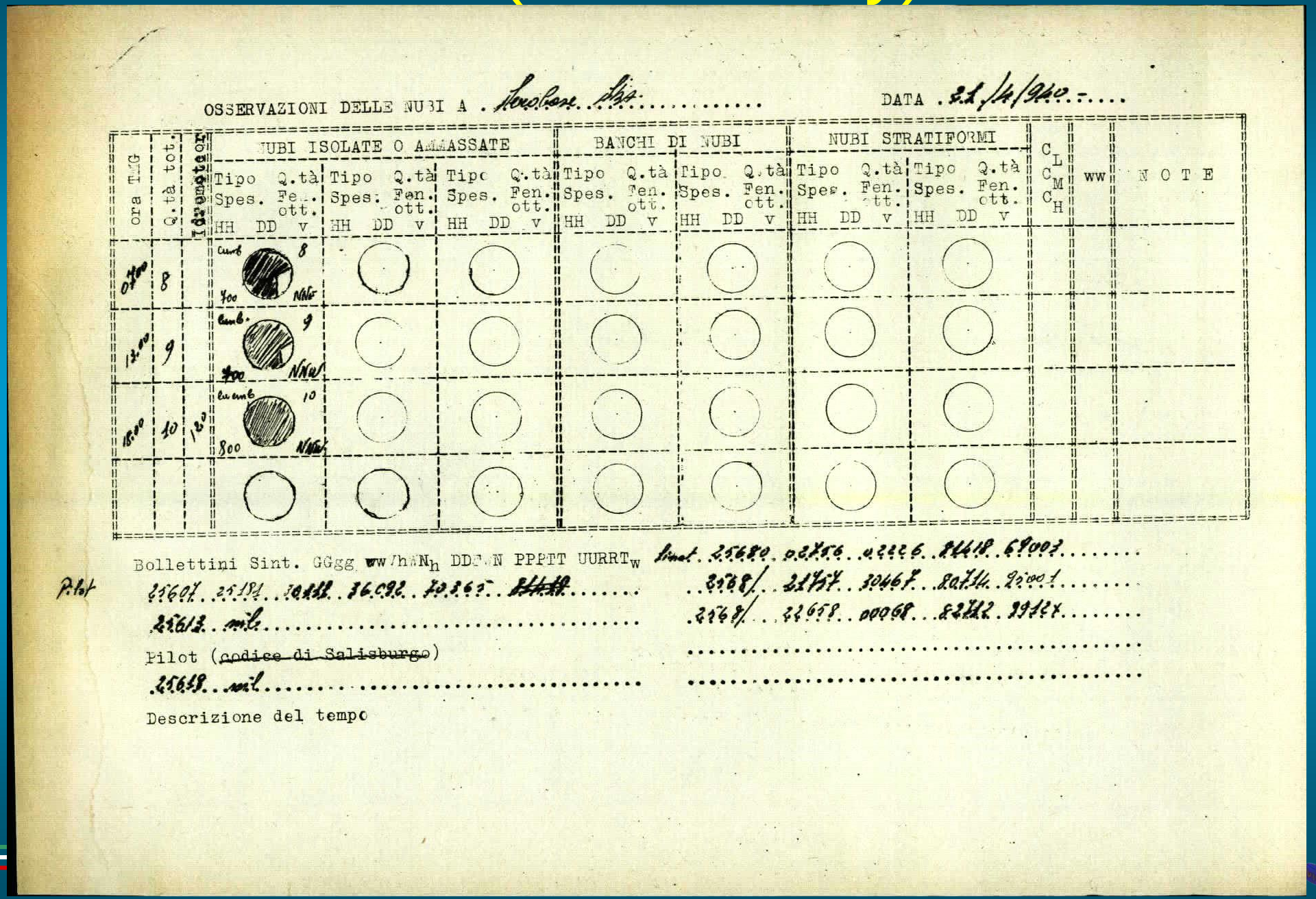
Indicativo meteorico	STAZIONE	Giurisdizione
100	PISIDA	Tripolitania
101	TRIPOLI	»
102	MISURATA	»
103	SIRTE	»
104	NALUT	»
105	GARIAN	»
106	GADAMES	»
107	GHERIAT	»
108	HON	»
109	SEBHA	»
110	GHAT	»
111	CASTEL BENITO	»
112	DERNA	Cirenaica
113		
114	MURZUK	Tripolitania
115	AGHEILA	Cirenaica
116	BENGASI	»
117		
118	TOBRUK	»
119	MECHILI	»
120		
121	GIALO	»
122	GIARABUB	»
123		
124	CUFRA	»
125	CIRENE	»
126		
127		
128		
129		
300	PIANO ROSA	1ª Squadra
301	MOTTARONE	»
302	MILANO (Linate)	»
303	TORINO (Mirafiori)	»
304	PARMA	»
305	GENOVA	1ª Squadra
306	SAN REMO	»
307	M. FRAITEVE	»
308	TARVISIO	2ª Squadra
309	BOLZANO	»
310	TRIESTE	»
311	VERONA	»
312	VENEZIA	»
313	POLA	»
314	FORLI'	»
315	ZARA	»
316	ANCONA	»
317	FIRENZE	3ª Squadra
318	LIVORNO	»
319	CASTIGLIONE DEL LAGO	»
320	CAMPO ALLE SERRE	»
321	ORBETELLO	»
322	LIDO DI ROMA	»
323	MONTECASSINO	»
324	PONZA	»
325	LAGOSTA	2ª Squadra
326	PESCARA	4ª Squadra
327	RIETI	3ª Squadra
328	FOGGIA	4ª Squadra
329	NAPOLI (Capodichino)	3ª Squadra
330	POTENZA	4ª Squadra
331	BRINDISI	»
332	SASENO	Albania
333	TARANTO	4ª Squadra
334	PAOLA	»
335	OLBIA	Sardegna
336	CAPO BELLAVISTA	»
337	ORISTANO	»
338	CAGLIARI (Elmas)	»
339	LIPARI	Sicilia
344	TIRANA	Albania

Indicativo meteorico	STAZIONE	Giurisdizione
345		
346		
500	AGEDABIA	Cirenaica
501	AMSEAT	»
502	APOLLONIA	»
503	BARCE	»
504	BENINA	»
505	BENI ULID	Tripolitania
506	BRACH	»
507	BUERAT	»
508	EDRI	»
509	EL ADEM	Cirenaica
510	EL ASSA	Tripolitania
511	FETEIAH	Cirenaica
512	GIADO	Tripolitania
513	HOMS	»
514	MARADA	Cirenaica
515	MARAUA	»
516	MELLAHA	Tripolitania
517	MIZDA	»
518	NUFILIA	»
519	SABRATHA	»
520	SCIUEREF	»
521	SERDELES	»
522	SINAUEN	»
523	TAZERBO	Cirenaica
524	TEGERHI	Tripolitania
525	TOLEMAIDE	Cirenaica
526	TRIPOLI PORTO	Tripolitania
527	UAU EL CHEBIR	»
528	UBARI	»
529	ZELLA	»
530	ZUARA	»
531	EL AUENAT	Cirenaica
532		
533		
534		
535		
536		
537		
538		
539		
550	CASTELROSSO	Isole It. Egeo
551	RODI (Aeroporto)	»
552	STAMPALIA	»
553	GADUZZA	»
554	CATTAVIA	»
555	M. PROFETA	»
556	SCARPANTO	»
557		
558		
559		
560	ARGIROCASTRO	Albania
561	BERAT	»
562	DURAZZO	»
563	KUKES	»
564		
565	PESCOPEIA	»
566	VALONA	»
567	CORIZZA	»
568	SCUTARI	»
569		
570		
571		
572		
630		
631		
632	M. SCURO	4ª Squadra
633	ETNA (Osservatorio)	Sicilia

Archive on Africa (but not only): a closer look

Addis Abeba Aerobase

Clouds Observation 21/04/1940 and Pilot/Synop coded msg



OSSERVAZIONI DELLE NUBI A . Addis Abeba ..... DATA . 21/4/940 .-....

ora T.G	Q.tà tot.	Direzione	NUBI ISOLATE O AMMASSATE Tipo Spes.	Q.tà Fen. ott.	BANCHI DI NUBI Tipo Spes.	Q.tà Fen. ott.	NUBI STRATIFORMI Tipo Spes.	Q.tà Fen. ott.	CL CM CH	ww	NOTE
0700	8		Cumb 8 700 NNW								
1300	9		Cumb. 9 700 NNW								
1800	10	120°	Cumb 10 800 NNW								

Bollettini Sint. GGgg ww/hwNh DDfN PPPTT UURRTw Sint. 21680 02756 42226 84418 69007 .....

Pilot 21607 25184 30118 36092 40263 84418 .....

21613 mil .....

Pilot (codice di Salisburgo)

21618 mil .....

Descrizione del tempo

Sint. 21688/ 21757 30667 80734 92001 .....

21688/ 22658 00068 82242 99127 .....

.....

.....

Archive on Africa (but not only): a closer look

Addis Abeba
Main Station

March 1940
Bullettins
Ucoded

MOD. N. 12 S. M. A.

N. 2103 di prot.

Data

N. 794 del modulario R. A.

MINISTERO DELL'AERONAUTICA
SERVIZIO METEOROLOGICO

BOLLETTINI DEL TEMPO

(non registrabili nel Modello 12 S. A.)

Segnalati dalla Stazione Aerologica di Addis Abeba

Quota sul livello del mare: m. 2354

Latitudine 9° 0' N Longitudine da Greenwich 38° 45' E

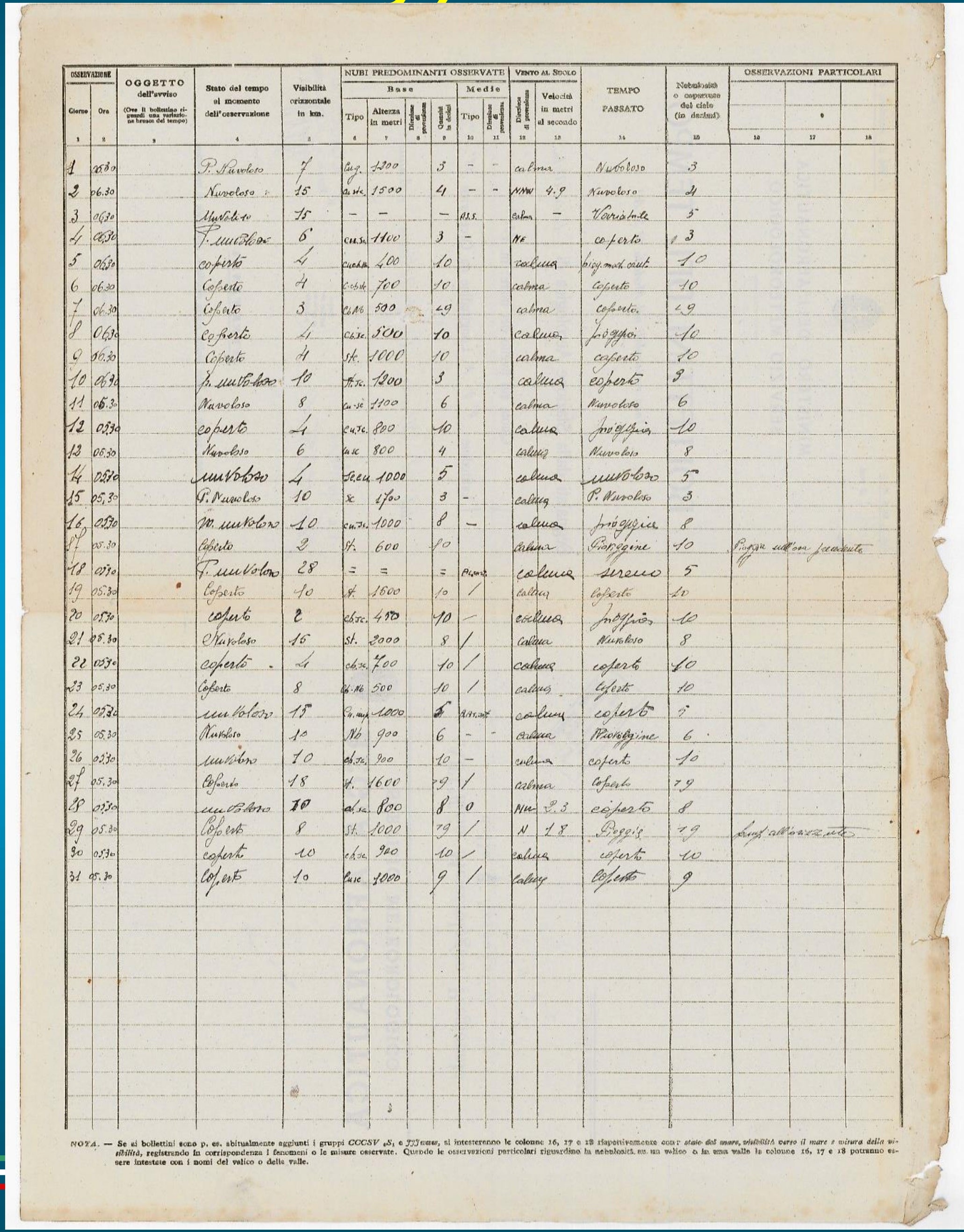
dal 1 Marzo *al* 31 Marzo *, Anno*

V. IL Capo Telezione

IL CAPO CENTRO

AVVERTENZA

Questo modello deve essere spedito, appena completato, senza foglio di trasmissione.



Giorno (1)	Ora (2)	Oggetto dell'avviso (3)	Stato del tempo al momento dell'osservazione (4)	Visibilità orizzontale in km. (5)	Nubi Base: Tipo (6)	Altezza in metri (7)	Direzione di provenienza (8)	Quantità in decimi (9)	Medie: Tipo (10)	Direzione di provenienza (11)	Vento al suolo: Direzione di provenienza (12)	Velocità in metri al secondo (13)	Tempo passato (14)	Nebulosità o copertura del cielo (in decimi) (15)	Osservazioni particolari (16–18)
1	06.30		P. Nuvoloso	7	Cu.g.	1200		3	–	–	calma		Nuvoloso	3	
2	06.30		Nuvoloso	15	Cu.str.	1500		4	–	–	NNW	4.9	Nuvoloso	4	
3	06.30		Nuvoloso	15	–	–		–	A.S.S.		calma	–	Variabile	5	
4	06.30		P. nuvoloso	6	Cu.sc.	1100		3	–		NE		coperto	3	
5	06.30		coperto	4	Cu.Nb.	400		10			calma		piog. mod. cont.	10	
6	06.30		Coperto	4	Cu.str.	700		10			calma		coperto	10	
7	06.30		Coperto	3	Cu.Nb.	500		9			calma		coperto	9	
8	06.30		Coperto	4	Cu.sc.	500		10			calma		pioggia	10	
9	06.30		Coperto	4	St.	1000		10			calma		coperto	10	
10	06.30		p. nuvoloso	10	St.sc.	1200		3			calma		coperto	3	
11	06.30		Nuvoloso	8	Cu.sc.	1100		6			calma		Nuvoloso	6	
12	05.30		coperto	4	Cu.sc.	800		10			calma		pioggia	10	
13	06.30		Nuvoloso	6	Cu.sc.	800		4			calma		Nuvoloso	8	
14	05.30		nuvoloso	4	Sc.cu.	1000		5			calma		nuvoloso	5	
15	05.30		P. Nuvoloso	10	Sc.	1700		3	–		calma		P. Nuvoloso	3	
16	05.30		M. nuvoloso	10	Cu.sc.	1000		8	–		calma		pioggia	8	
17	05.30		Coperto	2	St.	600		10			calma		Pioggerine	10	Pioggia nell'ora precedente
18	05.30		P. nuvoloso	28	=	=		=	Alum.		calma		sereno	5	
19	05.30		Coperto	10	St.	1600		10	/		calma		Coperto	10	
20	05.30		coperto	2	Cb.sc.	450		10	–		calma		pioggia	10	
21	05.30		Nuvoloso	15	St.	2000		8	/		calma		Nuvoloso	8	
22	05.30		coperto	4	Cb.sc.	700		10	/		calma		coperto	10	
23	05.30		Coperto	8	Cb.Nb.	500		10	/		calma		Coperto	10	
24	05.30		nuvoloso	15	Cu.imp.	1000		5	A.At.cu.		calma		coperto	5	
25	05.30		Nuvoloso	10	Nb	900		6	–	–	calma		Pioggerine	6	
26	05.30		nuvoloso	10	Cb.sc.	900		10	–		calma		coperto	10	
27	05.30		Coperto	18	St.	1600		9	/		calma		Coperto	9	
28	05.30		nuvoloso	10	Cb.sc.	800		8	0		NW	2.3	coperto	8	
29	05.30		Coperto	8	St.	1000		9	/		N	1.8	Pioggia	9	[illegible]
30	05.30		coperto	10	Cb.sc.	900		10	–		calma		coperto	10	
31	05.30		Coperto	10	Cu.sc.	1000		9	/		calma		Coperto	9	

Archive on Africa (but not only): a closer look

Asmara main observatory

Attinometric Observation June 1939

REGIO UFFICIO METEOROLOGICO DELL' A. O. I.

OSSERVATORIO PRINCIPALE

ASMARA

ATTINOMETRO ARAGO

Anno I939–XVII? Mese Giugno Stazione di Asmara

TIP. SILLA - ASMARA - VIA GENOVA 10 - TEL. 32-82

Giorni	h. 8		h. 11		h. 14		h. 19	
	Bianco	Affumicato	Bianco	Affumicato	Bianco	Affumicato	Bianco	Affumicato
1	3I.6	43.7	38.2	54.I	37.6	5I.7	I7.7	I7.9
2	3I.4	42.9	39.4	53.7	38.I	52.6	I8.4	I8.7
3	33.7	44.8	39.9	50.9	40.5	36.0	I8.8	I9.2
4	33.0	45.2	45.4	63.I	38.4	53.8	I8.2	I8.5
5	3I.I	42.I	28.8	34.9	I9.7	23.2	I8.I	I8.3
6	27.4	36.9	37.8	53.7	24.8	28.7	I6.9	I7.2
7	29.2	40.8	36.9	52.8	39.4	53.7	I8.3	I8.5
8	23.9	30.6	37.4	53.0	40.0	54.5	I9.7	I9.9
9	24.9	30.8	4I.I	54.4	39.8	54.2	I8.I	I8.4
10	33?4	45.0	39.4	55.6	39.6	53.7	I8.6	I8.8
11	22.3	26.6	38.4	53.3	38.7	52.3	I9.2	I8.7
12	29.2	45.4	40.9	56.0	39.8	53.5	I9.4	I9.8
13	2I.4	24.3	44.5	60.8	39.6	54.2	I9.2	I9.4
14	30.I	4I.2	44.5	60.7	32.6	5I.2	I5.6	I5.9
15	25.I	30.9	40.8	55.2	27.9	24.8	I4.7	I4.9
16	24.I	3I.5	32.7	4I.2	I3.5	22.I	I4.9	I5.I
17	27.8	39.3	30.4	44.5	I6.8	I9.6	I6.I	I6.3
18	3I.2	44.I	27.2	32.5	3I.4	42.0	I8.4	I8.6
19	29.I	40.3	38.9	54.3	39.3	53.6	I7.8	I8.3
20	24.2	3I.3	40.9	56.8	39.4	53.3	I7.I	I7.4
21	30.3	4I.4	36.I	4I.3	2I.3	23.I	I6.8	I7.2
22	27.8	39.6	23.4	27.I	I6.6	I9.2	I5.2	I5.4
23	27.9	38.6	25.2	29.4	I8.8	22.7	I6.2	I6.4
24	29.2	40.6	36.9	52.4	20.7	26.2	I6.2	I6.6
25	2I.7	38.I	26.6	52.I	23.2	I3.3	I5.2	I5.4
26	26.6	37.5	29.I	46.4	26.5	39.2	I2.6	I2.8
27	27.2	37.2	34.7	46.7	34.I	49.I	I3.7	I3.8
28	20.5	25.9	33.6	46.I	22.5	26.I	I3.9	I4.I
29	26.5	32.5	38.3	53.8	34.2	37.6	I8.0	I8.I.
30	33.I	43.7	40.I	55.I	36.0	43.5	I9.7	20.0
31								

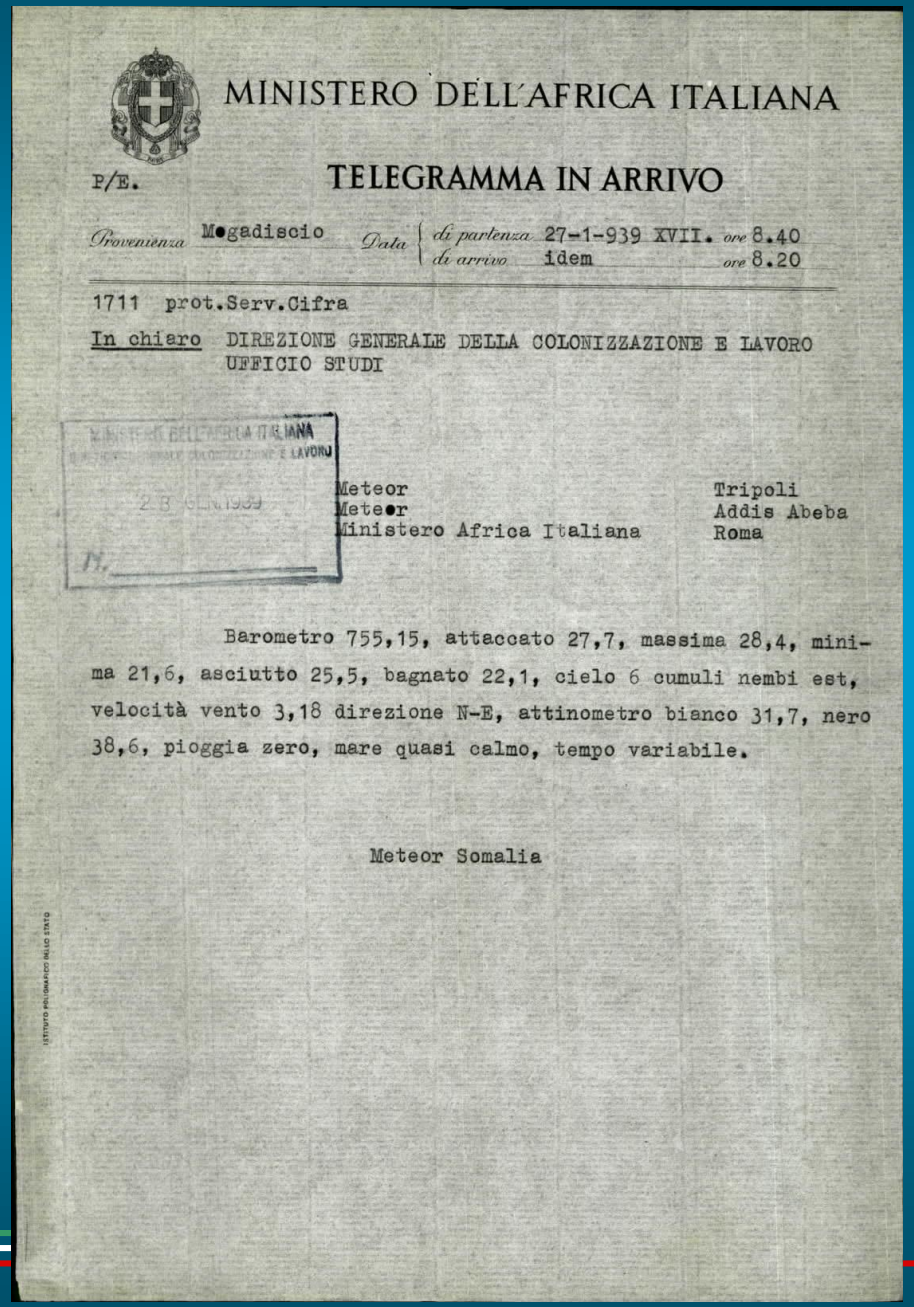
Asmara, li 193

Militare

Archive on Africa (but not only): a closer look

Mogadiscio main observatory

Weather Report 27/01/1939 and 07/02/1939



MINISTERO DELL'AFRICA ITALIANA

P/E. TELEGRAMMA IN ARRIVO

Provenienza Mogadiscio Data di partenza 27-1-939 XVII. ore 8.40 di arrivo idem ore 8.20

1711 prot.Serv.Cifra

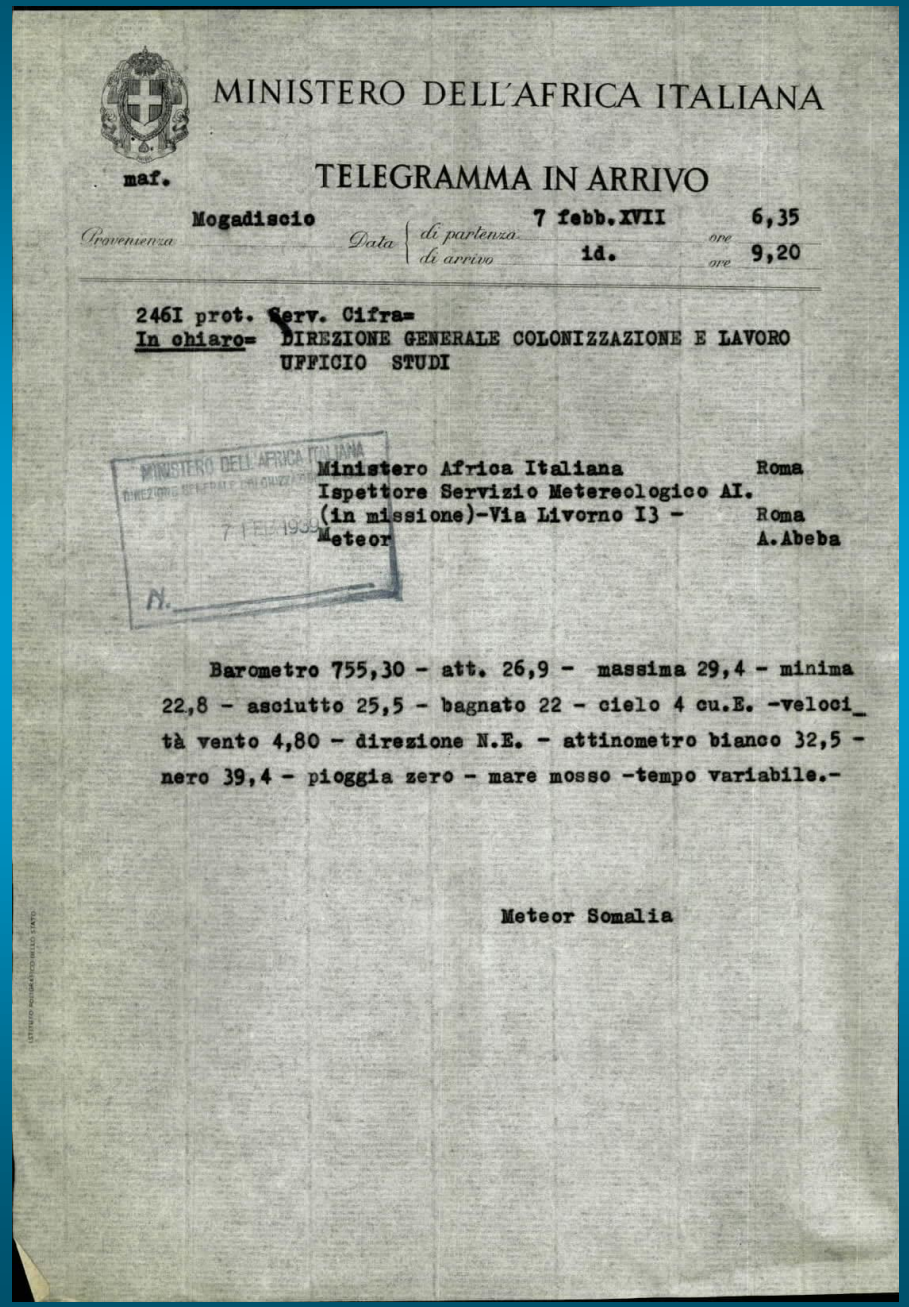
In chiaro DIREZIONE GENERALE DELLA COLONIZZAZIONE E LAVORO
UFFICIO STUDI

MINISTERO DELL'AFRICA ITALIANA
DIREZIONE GENERALE DELLA COLONIZZAZIONE E LAVORO
28 GEN 1939
N.

Meteor Tripoli
Meteor Addis Abeba
Ministero Africa Italiana Roma

Barometro 755,15, attaccato 27,7, massima 28,4, minima 21,6, asciutto 25,5, bagnato 22,1, cielo 6 cumuli nembi est, velocità vento 3,18 direzione N-E, attinometro bianco 31,7, nero 38,6, pioggia zero, mare quasi calmo, tempo variabile.

Meteor Somalia



MINISTERO DELL'AFRICA ITALIANA

maf. TELEGRAMMA IN ARRIVO

Provenienza Mogadiscio Data di partenza 7 febb.XVII ore 6,35 di arrivo id. ore 9,20

246I prot. Serv. Cifra=
In chiaro= DIREZIONE GENERALE COLONIZZAZIONE E LAVORO
UFFICIO STUDI

MINISTERO DELL'AFRICA ITALIANA
DIREZIONE GENERALE DELLA COLONIZZAZIONE E LAVORO
7 FEB 1939
N.

Ministero Africa Italiana Roma
Ispettore Servizio Metereologico AI.
(in missione)-Via Livorno I3 - Roma
Meteor A.Abeba

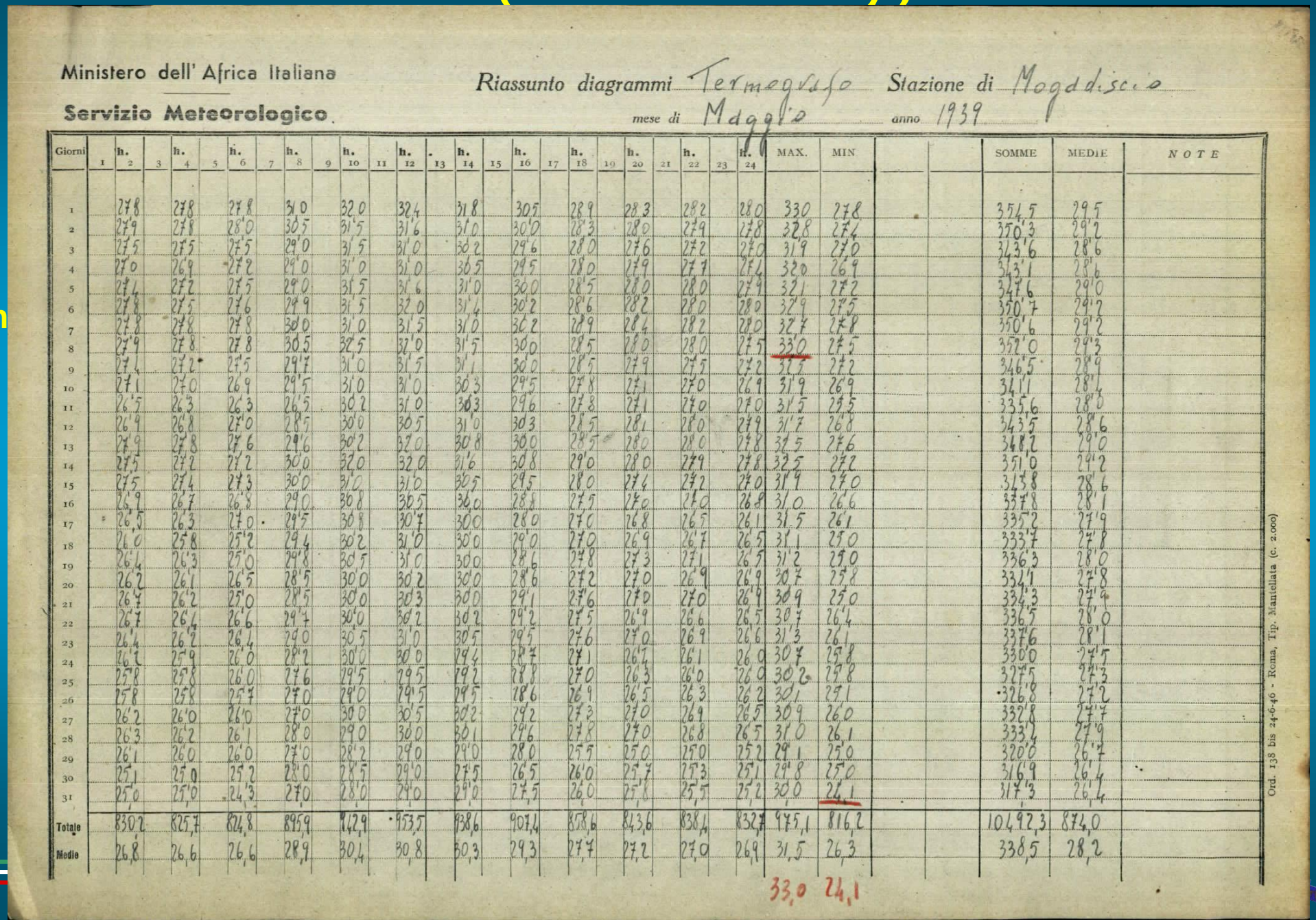
Barometro 755,30 - att. 26,9 - massima 29,4 - minima 22,8 - asciutto 25,5 - bagnato 22 - cielo 4 cu.E. -velocità vento 4,80 - direzione N.E. - attinometro bianco 32,5 - nero 39,4 - pioggia zero - mare mosso -tempo variabile.-

Meteor Somalia

Archive on Africa (but not only): a closer look

Mogadiscio main observatory

Thermograph in May 1939



Ministero dell' Africa Italiana

Servizio Meteorologico

Riassunto diagrammi Termografo Stazione di Mogadiscio

mese di Maggio anno 1939

Giorni	h. 1	h. 2	h. 3	h. 4	h. 5	h. 6	h. 7	h. 8	h. 9	h. 10	h. 11	h. 12	h. 13	h. 14	h. 15	h. 16	h. 17	h. 18	h. 19	h. 20	h. 21	h. 22	h. 23	h. 24	MAX.	MIN			SOMME	MEDIE	NOTE
1		27'8		27'8		27'8		31'0		32'0		32'4		31'8		30'5		28'9		28'3		28'2		28'0	33'0	27'8			351'5	29'5	
2		27'9		27'8		28'0		30'5		31'5		31'6		31'0		30'0		28'3		28'0		27'9		27'8	32'8	27'4			350'3	29'2	
3		27'5		27'5		27'5		29'0		31'5		31'0		30'2		29'6		28'0		27'6		27'2		27'0	31'9	27'0			343'6	28'6	
4		27'0		26'9		27'2		29'0		31'0		31'0		30'5		29'5		28'0		27'9		27'7		27'4	32'0	26'9			343'1	28'6	
5		27'4		27'2		27'5		29'0		31'5		31'6		31'0		30'0		28'5		28'0		28'0		27'9	32'1	27'2			347'6	29'0	
6		27'8		27'5		27'6		28'9		31'5		32'0		31'4		30'2		28'6		28'2		28'0		28'0	32'9	27'5			350'7	29'2	
7		27'8		27'8		27'8		30'0		31'0		31'5		31'0		30'2		28'9		28'4		28'2		28'0	32'7	27'8			350'6	29'2	
8		27'9		27'8		27'8		30'5		32'5		32'0		31'5		30'0		28'5		28'0		28'0		27'5	33'0	27'5			352'0	29'3	
9		27'4		27'2		27'5		29'7		31'0		31'5		31'1		30'0		28'5		27'9		27'5		27'2	32'2	27'2			346'5	28'9	
10		27'1		27'0		26'9		29'5		31'0		31'0		30'3		29'5		27'8		27'1		27'0		26'9	31'9	26'9			341'1	28'4	
11		26'5		26'3		26'3		26'5		30'2		31'0		30'3		29'6		27'8		27'1		27'0		27'0	31'5	25'5			335'6	28'0	
12		26'9		26'8		27'0		28'5		30'0		30'5		31'0		30'3		28'5		28'1		28'0		27'9	31'7	26'8			343'5	28'6	
13		27'9		27'8		27'6		29'6		30'2		32'0		30'8		30'0		28'5		28'0		28'0		27'8	32'5	27'6			348'2	29'0	
14		27'5		27'2		27'2		30'0		32'0		32'0		31'6		30'8		29'0		28'0		27'9		27'8	32'5	27'2			351'0	29'2	
15		27'5		27'4		27'3		30'0		31'0		31'0		30'5		29'5		28'0		27'4		27'2		27'0	31'9	27'0			343'8	28'6	
16		26'9		26'7		26'8		29'0		30'8		30'5		30'0		28'8		27'5		27'0		27'0		26'9	31'0	26'6			337'8	28'1	
17		26'5		26'3		27'0		29'5		30'8		30'7		30'0		28'0		27'0		26'8		26'5		26'1	31'5	26'1			335'2	27'9	
18		26'0		25'8		25'2		29'4		30'2		31'0		30'0		29'0		27'0		26'9		26'7		26'5	31'1	25'0			333'7	27'8	
19		26'4		26'3		25'0		29'8		30'5		31'0		30'0		28'6		27'8		27'3		27'1		26'5	31'2	25'0			336'3	28'0	
20		26'2		26'1		26'5		28'5		30'0		30'2		30'0		28'6		27'2		27'0		26'9		26'9	30'7	25'8			334'1	27'8	
21		26'7		26'2		25'0		28'5		30'0		30'3		30'0		29'1		27'6		27'0		27'0		26'9	30'9	25'0			334'3	27'4	
22		26'7		26'4		26'6		29'7		30'0		30'2		30'2		29'2		27'5		26'9		26'6		26'5	30'7	26'4			336'5	28'0	
23		26'4		26'2		26'4		29'0		30'5		31'0		30'5		29'5		27'6		27'0		26'9		26'6	31'3	26'1			337'6	28'1	
24		26'2		25'9		26'0		28'2		30'0		30'0		29'4		28'7		27'1		26'7		26'1		26'0	30'7	25'8			330'0	27'5	
25		25'8		25'8		26'0		27'6		29'5		29'5		29'2		28'8		27'0		26'3		26'0		26'0	30'2	25'8			327'5	27'3	
26		25'8		25'8		25'7		27'0		29'0		29'5		29'5		28'6		26'9		26'5		26'3		26'2	30'1	25'1			326'8	27'2	
27		26'2		26'0		26'0		27'0		30'0		30'5		30'2		29'2		27'3		27'0		26'9		26'5	30'9	26'0			332'8	27'7	
28		26'3		26'2		26'1		28'0		29'0		30'0		30'1		29'6		27'8		27'0		26'8		26'5	31'0	26'1			333'4	27'9	
29		26'1		26'0		26'0		27'0		28'2		29'0		29'0		28'0		25'5		25'0		25'0		25'2	29'1	25'0			320'0	26'7	
30		25'1		25'0		25'2		25'0		28'5		29'0		27'5		26'5		26'0		25'7		25'3		25'1	29'8	25'0			316'9	26'4	
31		25'0		25'0		24'3		27'0		28'0		29'0		29'0		27'5		26'0		25'8		25'5		25'2	30'0	24'1			317'3	26'4	
Totale		830'2		825'7		824'8		895'9		942'9		953'5		938'6		907'4		858'6		843'6		838'4		832'7	975'1	816'2			10492'3	874'0	
Medie		26'8		26'6		26'6		28'9		30'4		30'8		30'3		29'3		27'7		27'2		27'0		26'9	31'5	26'3			338'5	28'2	

33,0 24,1

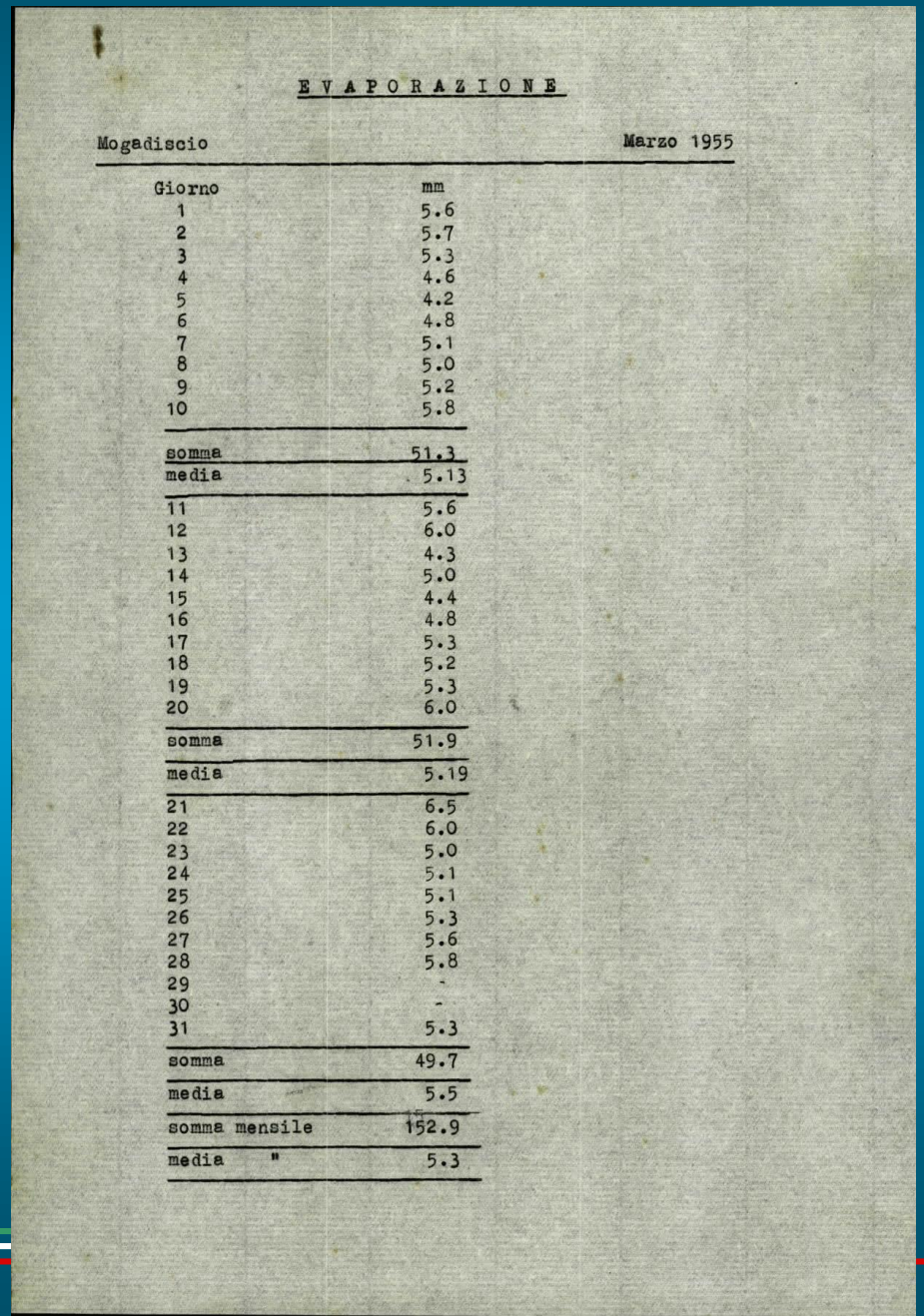
Ord. 138 bis 24-6-46 - Roma, Tip. Manteliata (c. 2.000)

Archive on Africa (but not only): a closer look

Mogadiscio main observatory

Evaporation March 1955

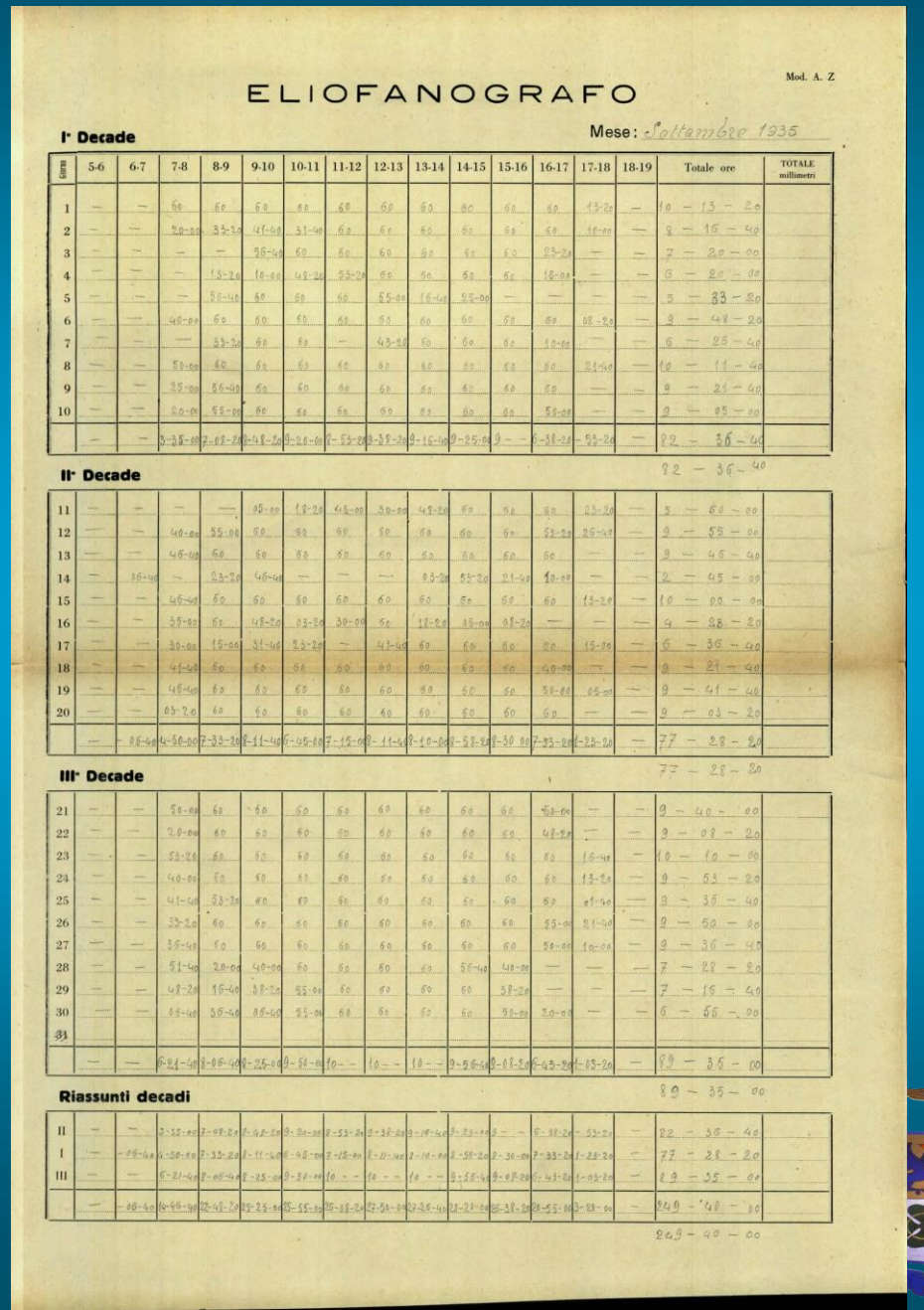
Sun Duration September 1935



EVAPORAZIONE

Mogadiscio — Marzo 1955

Giorno	mm
1	5.6
2	5.7
3	5.3
4	4.6
5	4.2
6	4.8
7	5.1
8	5.0
9	5.2
10	5.8
somma	51.3
media	5.13
11	5.6
12	6.0
13	4.3
14	5.0
15	4.4
16	4.8
17	5.3
18	5.2
19	5.3
20	6.0
somma	51.9
media	5.19
21	6.5
22	6.0
23	5.0
24	5.1
25	5.1
26	5.3
27	5.6
28	5.8
29	-
30	-
31	5.3
somma	49.7
media	5.5
somma mensile	152.9
media "	5.3



ELIOFANOGRAFO

Mod. A. Z

Mese: Settembre 1935

I^a Decade

Giorno	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	Totale ore	TOTALE millimetri
1	—	—	60	60	60	60	60	60	60	60	60	60	13-20	—	10 — 13 — 20	
2	—	—	50-20	33-20	41-40	31-40	60	60	60	60	60	60	16-00	—	8 — 15 — 40	
3	—	—	—	—	56-40	60	60	60	60	60	60	05-20	—	—	7 — 20 — 00	
4	—	—	—	13-20	10-00	48-20	53-20	60	60	60	60	16-00	—	—	6 — 20 — 00	
5	—	—	—	56-40	60	60	60	55-00	16-40	05-00	—	—	—	—	5 — 33 — 20	
6	—	—	40-00	60	60	60	60	60	60	60	60	08-20	—	—	9 — 48 — 20	
7	—	—	—	33-20	60	60	—	43-20	60	60	60	12-00	—	—	6 — 25 — 40	
8	—	—	50-00	60	60	60	60	60	60	60	60	21-40	—	—	10 — 11 — 40	
9	—	—	35-00	56-40	60	60	60	60	60	60	60	—	—	—	9 — 21 — 40	
10	—	—	20-00	55-00	60	60	60	60	60	60	60	50-00	—	—	9 — 05 — 00	
	—	—	3-35-00	7-03-20	8-48-20	9-24-00	8-53-20	8-38-20	8-16-40	8-05-00	8 —	6-38-20	53-20	—	82 — 36 — 40	

II^a Decade

Giorno	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	Totale ore	TOTALE millimetri
11	—	—	—	—	05-00	18-20	46-00	30-00	48-20	60	60	60	23-20	—	5 — 60 — 00	
12	—	—	40-00	55-00	60	60	60	60	60	60	60	53-20	26-40	—	9 — 55 — 00	
13	—	—	46-40	60	60	60	60	60	60	60	60	—	—	—	9 — 46 — 40	
14	—	16-40	—	23-20	46-40	—	—	—	05-20	53-20	21-40	10-00	—	—	2 — 45 — 00	
15	—	—	46-40	60	60	60	60	60	60	60	60	13-20	—	—	10 — 00 — 00	
16	—	—	35-00	60	48-20	03-20	30-00	60	18-20	35-00	05-20	—	—	—	4 — 28 — 20	
17	—	—	30-00	15-00	31-40	23-20	—	41-40	60	60	60	20	15-00	—	6 — 36 — 40	
18	—	—	41-40	60	60	60	60	60	60	60	60	40-00	—	—	9 — 21 — 40	
19	—	—	46-40	60	60	60	60	60	60	60	60	50-00	05-20	—	9 — 41 — 40	
20	—	—	03-20	60	60	60	60	40	60	60	60	60	—	—	9 — 03 — 20	
	—	—	6-56-40	7-33-20	8-11-40	6-05-00	7-15-00	7-11-40	8-10-20	8-58-20	7-30-00	7-33-20	2-33-20	—	77 — 28 — 20	

III^a Decade

Giorno	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	Totale ore	TOTALE millimetri
21	—	—	50-00	60	60	50	60	60	60	60	60	58-00	—	—	9 — 40 — 00	
22	—	—	20-00	60	60	60	60	60	60	60	60	42-20	—	—	9 — 02 — 20	
23	—	—	53-20	60	60	60	60	60	60	60	60	16-40	—	—	10 — 10 — 00	
24	—	—	40-00	60	60	60	60	60	60	60	60	13-20	—	—	9 — 53 — 20	
25	—	—	41-40	53-20	60	60	60	60	60	60	60	21-40	—	—	9 — 36 — 40	
26	—	—	33-20	60	60	60	60	60	60	60	60	55-00	21-40	—	9 — 50 — 00	
27	—	—	36-40	60	60	60	60	60	60	60	60	58-00	16-00	—	9 — 36 — 40	
28	—	—	51-40	20-00	40-00	60	60	60	60	56-40	40-00	—	—	—	7 — 28 — 20	
29	—	—	48-20	16-40	38-20	55-00	60	60	60	60	38-20	—	—	—	7 — 16 — 40	
30	—	—	06-40	36-40	06-40	55-00	60	60	60	60	58-00	20-00	—	—	6 — 56 — 00	
31																
	—	—	6-21-40	7-06-40	8-25-20	9-58-00	10 —	10 —	10 —	9-56-40	8-03-20	6-43-20	1-03-20	—	89 — 35 — 00	

Riassunti decadi

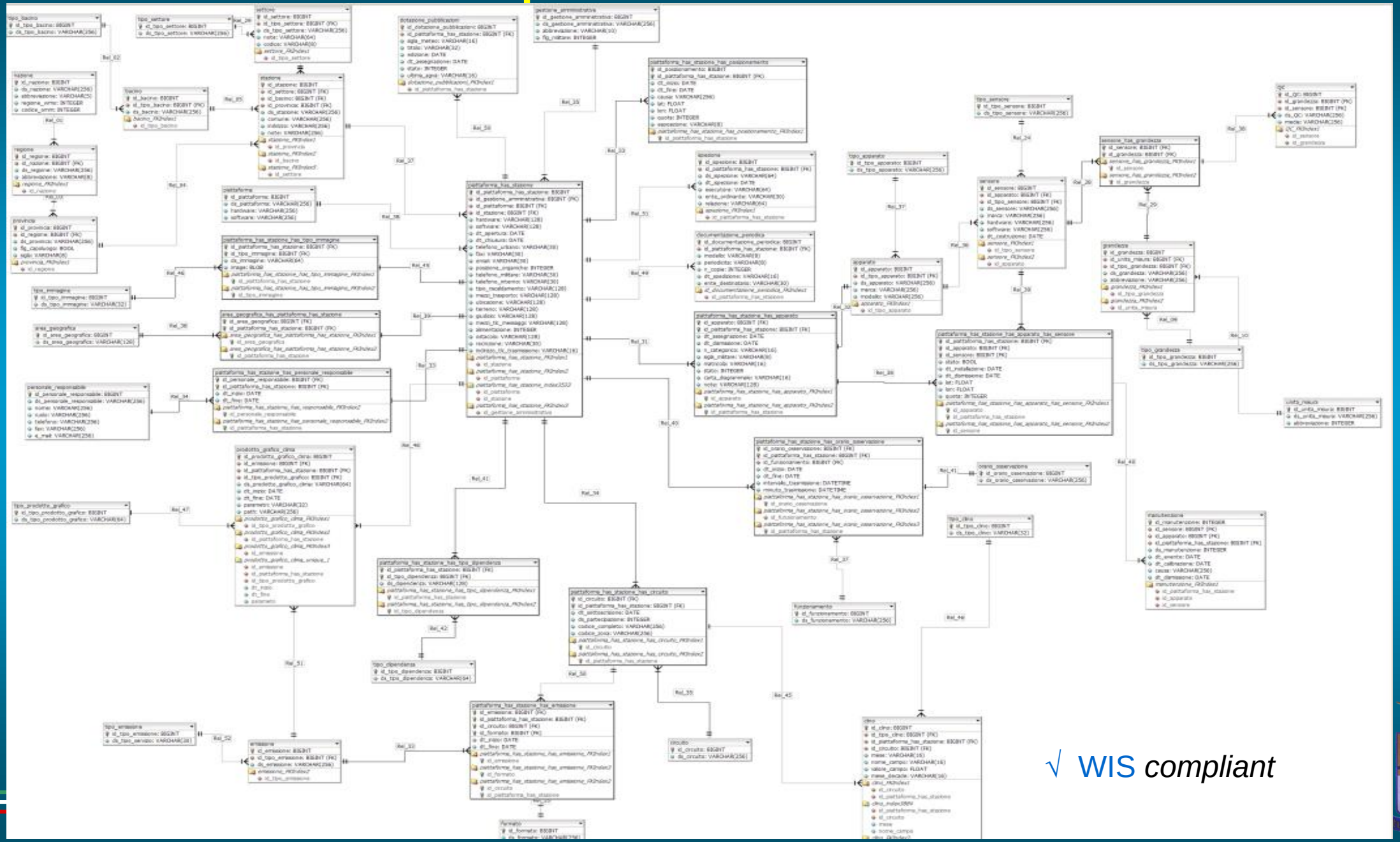
II	—	—	2-35-00	7-08-20	7-48-20	9-24-00	8-53-20	8-38-20	8-16-40	8-05-00	8 —	6-38-20	53-20	—	82 — 36 — 40	
I	—	09-40	6-56-40	7-33-20	8-11-40	6-05-00	7-15-00	7-11-40	8-10-20	8-58-20	7-30-00	7-33-20	2-33-20	—	77 — 28 — 20	
III	—	—	6-21-40	7-06-40	8-25-20	9-58-00	10 —	10 —	10 —	9-56-40	8-03-20	6-43-20	1-03-20	—	89 — 35 — 00	
	—	09-40	16-46-40	22-48-20	25-25-40	25-27-00	26-49-20	26-50-00	27-26-40	26-59-40	23-33-20	20-55-00	3-39-40	—	249 — 40 — 00	

Archive on Africa (but not only): a closer look

- Almost **24.000** colonies' meteorological forms and reports in various format from the period 1892-1956 have been transferred in pdf: most of data from **Lybia**, **Somalia, Eritrea and Ethiopia** are now safe.
- The digitalization project had to stop 10 years ago for lack of resources for both italian stations and colonies and most of the data from colonies were never ingested in a Database.

A pity…..

Complete Set of Metadata



√ WIS *compliant*

Some good Conclusion

- Dieci e Lode Project, welcome!

- National Recovery and Resilience Plan managed by Ministry of Environment: resources to finalize and complete the full digitalization of the whole Italian Met Service meteo-climatic archive still on paper.

- Databases (WIS compliant) will be available and accessable to the whole users community

and some numbers to close…

- Scan of 880.000 Stations Report
- Scan of 740.000 Instrumental Diagrams(image and data)
- Scan of 380.000 other material
- Typing for DB gaps filling: 20.000 record
- Typing of 780.000 obs for time series for GCOS stations, WMO MEDARE stations
- Typing of 6.200.000 for remaining obs
- Acquisition of 3.500.000 images from microfilm

Expected end of the project: 2026