

## Appendix A

### Results of the Annual Global Monitoring (AGM) of the operation of the WWW

1. The monitoring results compiled by the WMO Secretariat are presented in sections A to H as follows:

(a) Part I of Section A includes information on the availability of SYNOP reports, Parts A of TEMP reports and Parts A of PILOT reports at MTN centres at the global level for the full monitoring period (1-15 October); in Tables 1 to 3, the numbers of reports received at MTN centres are compared to the numbers of reports expected from stations included in the Regional Basic Synoptic Networks (RBSNs); in Tables 4 and 5, the availability of data at MTN centres is given for the last four global monitoring exercises. The numbers of stations comprising the RBSNs in comparisons with previous years are given in Tables 6 and 7

(b) Sections B and C include monitoring results detailed at the regional level for:

(i) SYNOP reports (section B),

(ii) Part A of TEMP reports (section C),

The format of presentation used is format 1 (see paragraph 2 below).

(c) Section D includes an analysis of the monitoring results with reference to the observing programmes given in Volume A of WMO Publication No.9. It points out the non-reception of expected data from so-called "silent" stations and the reception of unexpected data at WWW centres; this information should in particular assist WWW centres in reviewing the content of Volume A and sending appropriate amendments to the WMO Secretariat; Section D contains two Parts:

(i) the list of "silent" stations is given in Part 1; when considering the observational data expected from the stations in accordance with the observing programmes given in Volume A of WMO Publication No. 9, these "silent" stations are those stations from which the responsible NMC, the associated RTH and several MTN centres have not received any report;

(ii) centres reported the reception of observational data which was not expected according to the observing programmes given in Volume A of WMO Publication No. 9; Part 2 includes the list of stations from which unexpected observational data were received by the responsible NMC, the associated RTH and/or several MTN centres.

The lists of stations are presented as tables with two columns; for each type of data (SYNOP reports and Parts A of TEMP reports), the location of the station (i.e. country or area by which the stations are grouped in Volume A) is given in column (a) and the index number of the stations in column (b).

(d) Information relating to the implementation of monitoring procedures at centres is compiled in Section E. The monitoring centres are given in column (a) and the columns 1 to 11 correspond to the columns 1 to 11 of the format J of Table D of Attachment I.5 of Manual on the GTS.

- (e) Sections F and G give the following information by blocks of 5 degrees by 5 degrees for SYNOP and TEMP reports respectively:
- (i) Numbers of stations comprising the RBSN in the Region and mentioned in Volume A; see pages 1 of sections F and G
  - (ii) Reports made as indicated in Volume A (percentages calculated with reference to reports required from RBSN stations); see pages 2 of sections F and G;
  - (iii) Reports received daily at MTN centres from RBSN stations during the monitoring period (percentages calculated with reference to reports required from RBSN stations); see page 3 of section F for SYNOP reports and page 3 of section G for parts A of TEMP reports;
  - (iv) Differences between the percentages of reports received daily at MTN centres from RBSN stations during the 2002 monitoring period, and the 2000 and 2001 monitoring periods (percentages calculated with reference to reports required from stations included in RBSNs both in 2000 and 2002, and in 2001 and 2002 respectively); see pages 4 and 5 of section F for SYNOP reports, and pages 4 and 5 of section G for Parts A of TEMP reports.
- (f) The percentages of SYNOP reports and parts A of TEMP reports received from each station are given in section H. The percentages are calculated with reference to reports required from RBSN stations.

2. Format 1: availability of data issued from a country or other area at the responsible NMC, the associated RTH and/or several MTN centres

2.1 Format 1 is used to present the monitoring results with the aim of comparing the availability of data issued from a country or other area at the responsible NMC, the associated RTH and/or several MTN centres. The countries or areas are grouped by zones of responsibilities of RTHs. In addition, totals are presented for each zone of responsibility for the RTH concerned and/or MTN centres as well as at the regional level for these MTN centres.

2.2 If the monitoring periods were not identical for all centres, the period of reference corresponds to the period for which most of centres provided monitoring results. If a centre provided monitoring results only for another period, the monitoring results for this period are nevertheless presented.

2.3 The monitoring results are presented in columns as follows (all percentages are calculated with the RBSN as the reference):

- (a) Column (a): location, i.e. country or area by which the stations are grouped in Volume A;
- (b) Column (b): number of stations included in the RBSN;
- (c) Column (c): number of days for which monitoring results are shown in the same line for the responsible NMC, the associated RTH and the MTN centre responsible for inserting the data into the MTN respectively;

- (d) Column (d): percentage of stations monitored by the responsible NMC, the associated RTH and the MTN centre responsible for inserting the data into the MTN respectively;
- (e) Columns (e) to (l), for each standard time and/or in total according to the type of data:
  - (i) percentage of reports to be prepared at stations implemented in accordance with the information included in Volume A as updated before the monitoring period (column Impl.);
  - (ii) percentage of reports received at the responsible NMC, the associated RTH and several MTN centres as a whole.

**Summary of the results of the annual global monitoring of the operation of the WWW carried out from 1 to 15 October 2002**

*Terminology used in the Tables:*

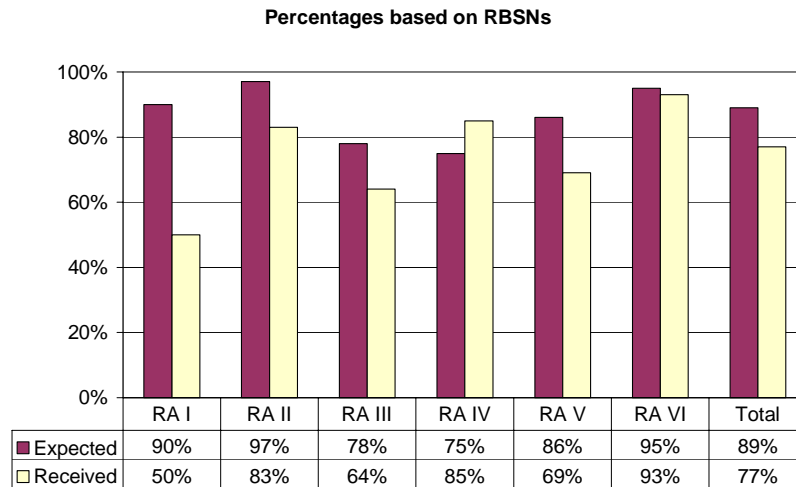
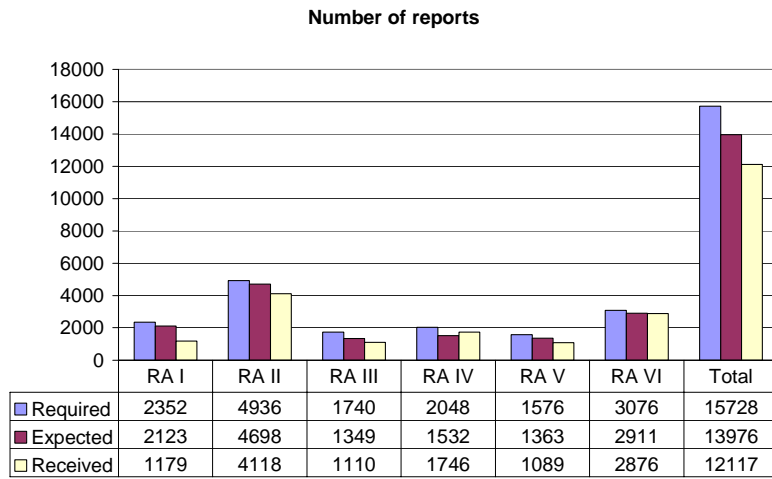
*Required:* Number of reports required daily from RBSN stations for global exchange (four observations a day for SYNOP reports and two observations a day for TEMP and PILOT reports)

*Expected:* Number of reports expected daily from RBSN stations as committed to by Members, according to WMO Publication No. 9, Volume A

*Received:* Average number of reports received daily on the Main Telecommunication Network (MTN) of the GTS

**1. Availability of SYNOP and parts A of TEMP reports at MTN centres in comparison with the requirements**

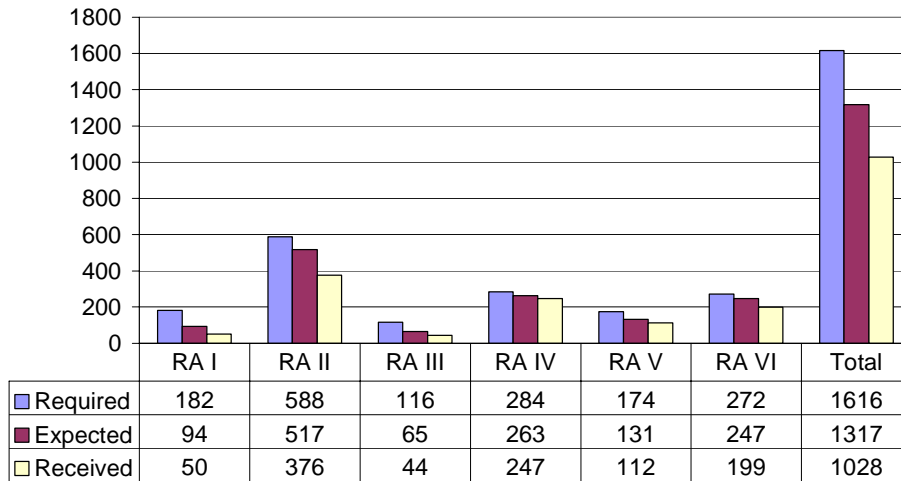
*Table 1 - SYNOP reports (Observation times: 00, 06, 12 and 18 UTC)*



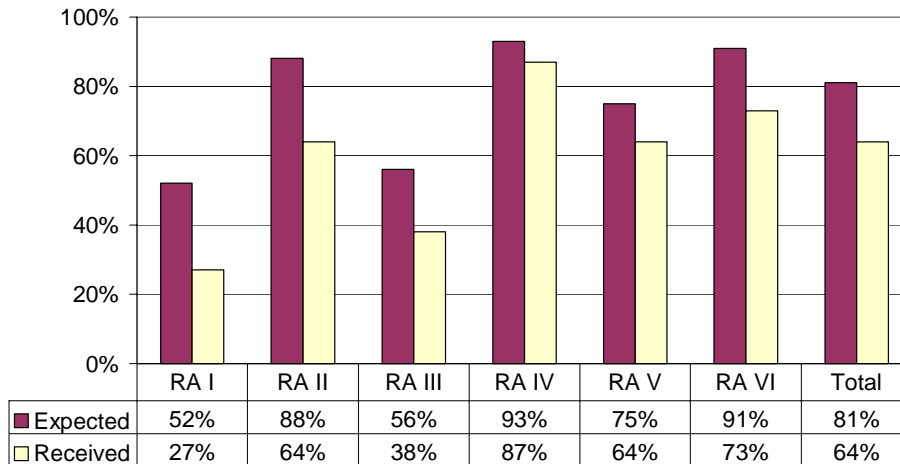
Section A, Part I, p. 2

Table 2 - Parts A of TEMP reports  
(Observation times: 00 and 12 UTC)

Number of reports



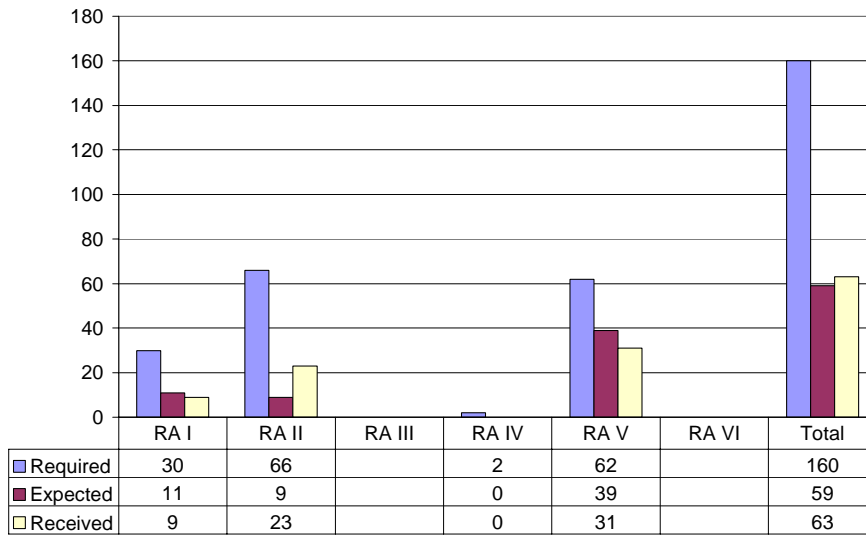
Percentages based on RBSNs



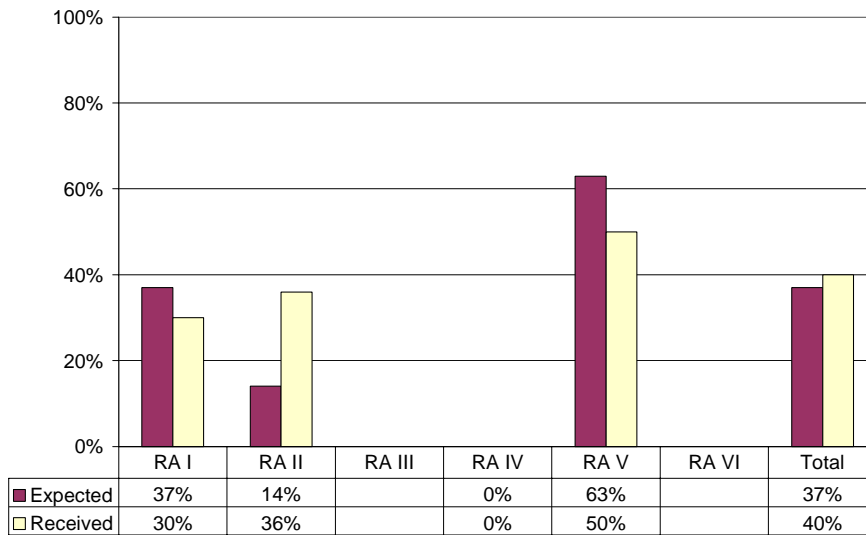
Section A, Part I, p. 3

Table 3 - Parts A of PILOT reports  
(Observation times: 00 and 12 UTC)

Number of reports



Percentages based on RBSNs



2. Availability of SYNOP reports and parts A of TEMP reports at MTN centres in comparison with previous years

Table 4 - SYNOP reports

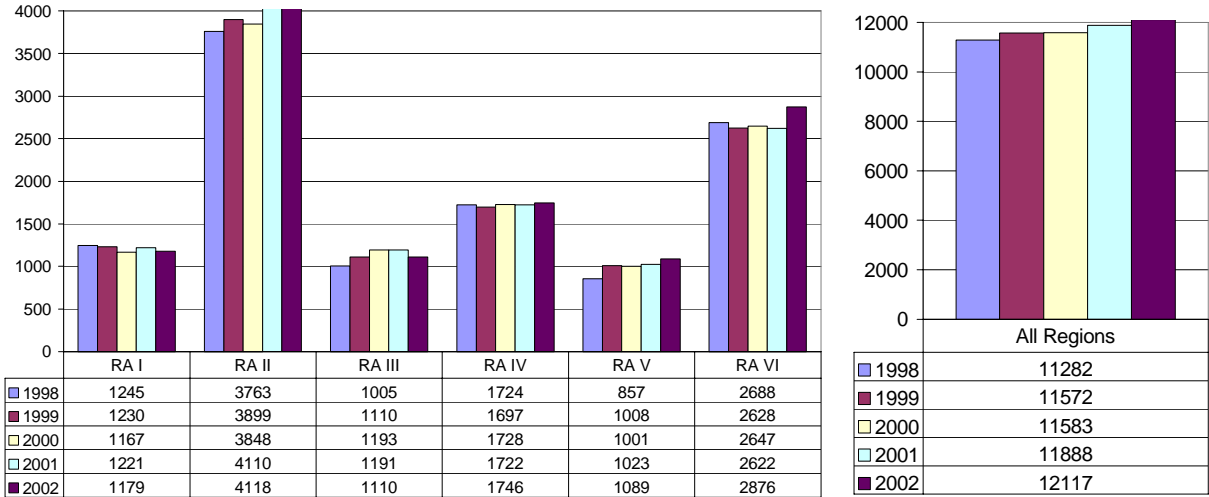
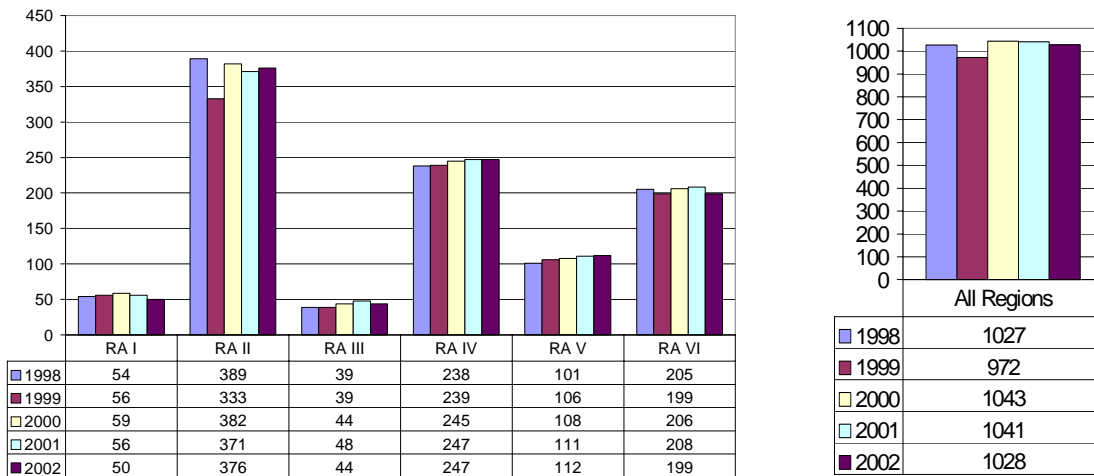


Table 5 - Parts A of TEMP reports



3. Number of stations comprising the RBSNs in comparison with the previous years

Table 6 - Surface stations

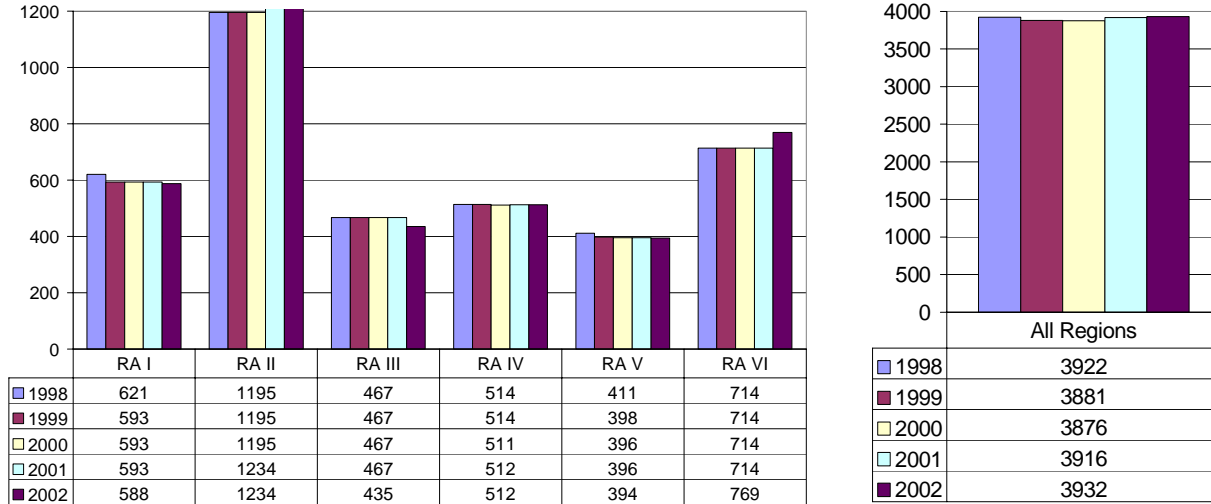
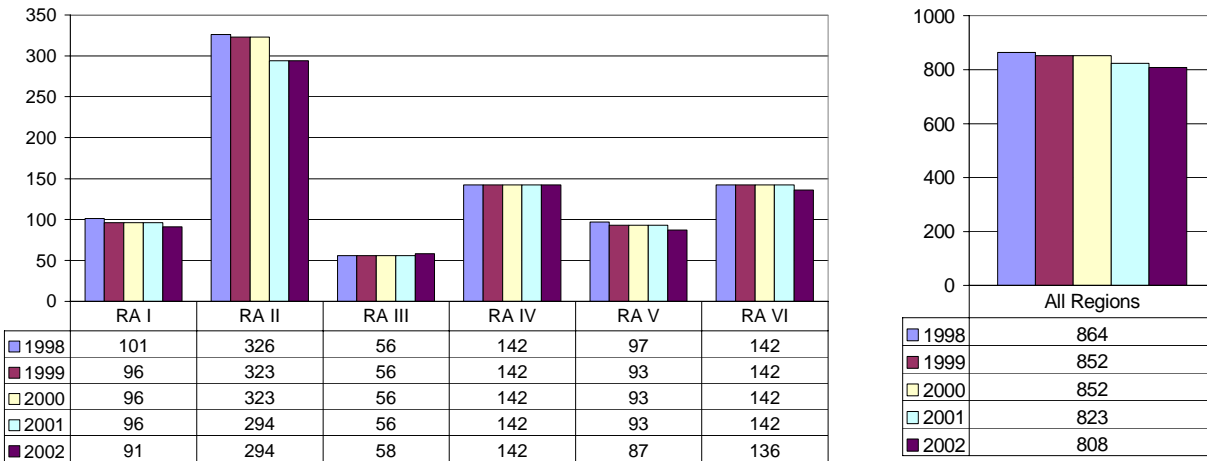


Table 7 - Upper air stations (TEMP reports)





Section B

**RESULTS OF THE ANNUAL GLOBAL MONITORING OF THE OPERATION OF THE WWW**

Availability of SYNOP reports from Region V (Format 1)

Monitoring period: 1 to 15 October 2002

(a) Geographical location	(b) Number of stations in the RBSN	(c) Monitoring period (days)	(d) Stations monitored (%)	Percentage of reports expected from implemented stations (reference Volume A edition August 2002) and actually received at centres (within 6 hours of the observation time)																			
				(e) 00 UTC				(f) 06 UTC				(g) 1200 UTC				(h) 1800 UTC				(i) Total			
				Impl.	NMC	RTH	MTN	Impl.	NMC	RTH	MTN	Impl.	NMC	RTH	MTN	Impl.	NMC	RTH	MTN	Impl.	NMC	RTH	MTN

<b>No RTH responsible for these countries/areas</b>																						
Detached Islands (91 533)	1	0	0	15	0	0	100	100	NR	0	100	NR	0	100	NR	0	100	NR	0	100	NR	0
Detached Islands (91 : 753, 754)	2	0	0	15	0	0	100	100	NR	100	100	NR	93	100	NR	80	100	NR	93	100	NR	92
Detached Islands (91: 960 - 998)	1	0	0	15	0	0	100	100	NR	100	100	NR	93	100	NR	93	100	NR	93	100	NR	95
Nauru	1	0	0	15	0	0	100	100	NR	100	100	NR	100	100	NR	100	100	NR	100	100	NR	100
<b>Total:</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>15</b>	<b>0</b>	<b>0</b>	<b>100</b>	<b>100</b>	<b>NR</b>	<b>80</b>	<b>100</b>	<b>NR</b>	<b>76</b>	<b>100</b>	<b>NR</b>	<b>71</b>	<b>100</b>	<b>NR</b>	<b>76</b>	<b>100</b>	<b>NR</b>	<b>76</b>

<b>RTH Melbourne</b>																							
Australia	125	15	15	15	100	100	100	81	78	78	78	81	77	77	77	81	78	78	78	81	78	78	78
Brunei Darussalam	1	15	15	15	100	100	100	100	100	100	100	100	100	100	100	100	100	93	100	100	100	100	100
East Timor	2	0	15	15	0	100	100	100	NR	0	0	100	NR	0	0	50	NR	0	0	0	NR	0	0
Fiji	12	15	15	15	83	100	100	100	75	30	78	100	81	35	81	100	73	29	74	100	73	33	74
French Polynesia	9	15	15	15	100	100	100	100	99	99	99	100	95	95	95	100	99	99	99	100	100	100	100
Indonesia	60	0	15	15	0	100	100	100	NR	68	68	100	NR	62	62	100	NR	55	56	88	NR	31	35
Islands (96: 995, 996)	2	0	15	15	0	100	100	100	NR	97	97	100	NR	97	97	100	NR	87	87	100	NR	93	93
Kiribati	5	0	15	15	0	100	100	100	NR	53	53	100	NR	56	59	80	NR	17	17	80	NR	48	48
Malaysia	14	15	15	15	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
New Caledonia	6	15	15	15	100	100	100	100	83	84	84	100	86	86	86	100	86	86	86	100	87	89	89
Papua New Guinea	11	0	15	15	0	100	100	0	NR	72	72	0	NR	61	61	0	NR	17	17	0	NR	10	10
Philippines	28	15	15	15	86	100	100	96	77	79	79	100	77	80	80	100	78	80	80	100	74	60	68
Phoenix Islands	1	0	15	15	0	100	100	100	NR	40	47	100	NR	87	87	100	NR	0	0	100	NR	73	73
Samoa and American Samoa	5	0	15	15	0	100	100	20	NR	40	40	20	NR	35	35	20	NR	35	36	20	NR	36	37
Singapore	1	15	15	15	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Solomon Islands	4	0	15	15	0	100	100	100	NR	45	45	100	NR	48	48	100	NR	0	0	100	NR	0	0
Tonga	4	0	15	15	0	100	100	100	NR	68	68	100	NR	63	63	100	NR	45	45	100	NR	70	70
Tuvalu	4	0	15	15	0	100	100	100	NR	88	88	100	NR	90	90	100	NR	82	82	100	NR	85	85

NR = No reply received from the centre concerned.

NM = Reply received, but not including the appropriate monitoring results.

Section B

**RESULTS OF THE ANNUAL GLOBAL MONITORING OF THE OPERATION OF THE WWW**

Availability of SYNOP reports from Region V (Format 1)

Monitoring period: 1 to 15 October 2002

(a) Geographical location	(b) Number of stations in the RBSN	(c) Monitoring period (days) NMC RTH MTN			(d) Stations monitored (%) NMC RTH MTN			Percentage of reports expected from implemented stations (reference Volume A edition August 2002) and actually received at centres (within 6 hours of the observation time)																			
								(e) 00 UTC				(f) 06 UTC				(g) 1200 UTC				(h) 1800 UTC				(i) Total			
								Impl.	NMC	RTH	MTN	Impl.	NMC	RTH	MTN	Impl.	NMC	RTH	MTN	Impl.	NMC	RTH	MTN	Impl.	NMC	RTH	MTN
Vanuatu	6	0	15	15	0	100	100	100	NR	82	82	100	NR	74	74	100	NR	59	60	100	NR	60	63	100	NR	69	70
Total:	300		15	15	63	100	100	87		74	76	87		72	74	86		67	69	84		62	65	86		69	71

<i>RTH Wellington</i>																											
Cook Islands	7	0	15	15	0	100	100	86	NR	75	80	86	NR	81	86	86	NR	89	89	86	NR	82	89	86	NR	82	86
New Zealand	30	15	15	15	100	100	100	100	70	70	99	100	76	76	99	100	73	73	97	100	76	76	100	100	74	74	99
Niue	1	0	15	15	0	100	100	100	NR	53	80	100	NR	7	93	100	NR	7	87	100	NR	7	93	100	NR	18	88
Tokelau and Swains Is.	4	0	15	15	0	100	100	100	NR	0	0	100	NR	0	0	100	NR	0	0	100	NR	0	0	100	NR	0	0
Total:	42		15	15	71	100	100	98		63	86	98		68	87	98		67	86	98		68	88	98		67	87

<i>Through WMC/RTH Washington</i>																											
Islands in The Pacific Ocean north of The Equator	47	0	15	15	0	47	100	81	NR	34	43	81	NR	35	43	79	NR	31	37	74	NR	27	36	79	NR	32	40
Total:	47		15	15	0	47	100	81	NR	34	43	81	NR	35	43	79	NR	31	37	74	NR	27	36	79	NR	32	40

<i>Total</i>																											
Total Region V:	394		15		56	92	100	87		73		88		72		87		67		84		64		86		69	

NR = No reply received from the centre concerned.

NM = Reply received, but not including the appropriate monitoring results.

Section C

**RESULTS OF THE ANNUAL GLOBAL MONITORING OF THE OPERATION OF THE WWW**

Availability of TEMP reports Part A from Region V (Format 1)

Monitoring period: 1 to 15 October 2002

(a) Geographical location	(b) Number of RBSN stations	(c) Monitoring period (days) NMC RTH MTN	(d) Stations monitored (%) NMC RTH MTN	Percentage of reports expected from implemented stations (reference Volume A edition August 2002) and actually received at centres (within 12 hours of the observation time)							
				(e) 00 UTC Impl. NMC RTH MTN				(g) 1200 UTC Impl. NMC RTH MTN			

**No RTH responsible for these countries/areas**

Nauru	1	0 0 15	0 0 100	0 NR	0	0 NR	0	0 NR	NR	0	0 NR	NR	NR	0
Total:	1	0 0 15	0 0 100	0 NR	0	0 NR	0	0 NR	NR	0	0 NR	NR	NR	0

**RTH Melbourne**

Australia	28	15 15 15	100 100 100	96 96 96 96	71 60 60 60	84 78 78 78
Brunei Darussalam	1	15 15 15	100 100 100	100 100 100 100	100 100 93 100	100 100 97 100
Fiji	1	15 15 15	100 100 100	100 93 87 93	0 0 0 0	50 47 43 47
French Polynesia	6	15 15 15	100 100 100	83 100 100 100	17 66 64 66	50 83 82 83
Indonesia	10	0 15 15	0 100 100	100 NR 21 21	10 NR 0 0	55 NR 11 11
Islands (96: 995, 996)	1	0 15 15	0 100 100	100 NR 93 93	100 NR 80 80	100 NR 87 87
Kiribati	1	0 15 15	0 100 100	100 NR 80 93	0 NR 0 0	50 NR 40 47
Malaysia	8	15 15 15	100 100 100	100 73 73 73	100 83 83 83	100 78 78 78
New Caledonia	1	15 15 15	100 100 100	100 93 87 93	100 100 80 100	100 97 83 97
Papua New Guinea	3	0 15 15	0 100 100	67 NR 11 11	0 NR 0 0	33 NR 6 6
Philippines	3	15 15 15	100 100 100	67 33 31 31	0 0 0 0	33 17 16 16
Phoenix Islands	1	0 15 15	0 100 100	100 NR 0 0	0 NR 0 0	50 NR 0 0
Samoa and American Samoa	1	0 15 15	0 100 100	100 NR 100 100	100 NR 100 100	100 NR 100 100
Singapore	1	15 15 15	100 100 100	100 100 93 100	100 100 7 100	100 100 50 100
Solomon Islands	1	0 15 15	0 100 100	100 NR 0 0	0 NR 0 0	50 NR 0 0
Tuvalu	1	0 15 15	0 100 100	100 NR 47 93	0 NR 0 0	50 NR 23 47
Vanuatu	1	0 15 15	0 100 100	100 NR 0 0	0 NR 0 0	50 NR 0 0
Total:	69	15 15	71 100 100	94 71 72	51 45 47	72 58 59

NM = Reply received, but not including the appropriate monitoring results.

NR = No reply received from the centre concerned.

Section C

**RESULTS OF THE ANNUAL GLOBAL MONITORING OF THE OPERATION OF THE WWW**

Availability of TEMP reports Part A from Region V (Format 1)

Monitoring period: 1 to 15 October 2002

(a) Geographical location	(b) Number of RBSN stations	(c) Monitoring period (days) NMC RTH MTN	(d) Stations monitored (%) NMC RTH MTN	Percentage of reports expected from implemented stations (reference Volume A edition August 2002) and actually received at centres (within 12 hours of the observation time)													
				(e) 00 UTC Impl. NMC RTH MTN				(g) 1200 UTC Impl. NMC RTH MTN				(i) Total Impl. NMC RTH MTN					
<b>RTH Wellington</b>																	
New Zealand	5	15 15 15	100 100 100	100	91	91	99		60	60	60	60		80	75	75	79
Total:	5	15 15 15	100 100 100	100	91	91	99		60	60	60	60		80	75	75	79
<b>Through WMC/RTH Washington</b>																	
Islands in The Pacific Ocean north of The Equator	9	0 15 15	0 100 100	100	NR	99	99		89	NR	100	100		94	NR	99	99
Total:	9	0 15 15	0 100 100	100	NR	99	99		89	NR	100	100		94	NR	99	99
<b>Total</b>																	
Total Region V:	87	15	62 95 100	94		77			56		52			75			64

NM = Reply received, but not including the appropriate monitoring results.

NR = No reply received from the centre concerned.

## Section D, Part I

**RESULTS OF THE ANNUAL GLOBAL MONITORING OF THE OPERATION OF THE WWW**

List of silent stations in RA V at NMCs, RTHs and MTN centres

Monitoring period: 1 to 15 October 2002

<b>SYNOP reports</b>		
<b>(a) Location</b>	<b>(b) Stations implemented</b> (ref. Volume A, edition August 2002)	<b>(c) Stations not implemented</b> (ref. Volume A, edition August 2002)
Australia	94866 95666	94184 94200 94211 94236 94248 94255 94275 94313 94324 94327 94333 94366 94388 94451 94477 94488 94500 94642 94643 95146 95322
Detached Islands (91 533)	91533	
East Timor	97385 97390	
Fiji	91652 91676	
Indonesia	97096 97810 97876	
Islands in The Pacific Ocean north of The Equator	91066 91158 91159 91163 91166 91168 91194 91221 91231 91251 91258 91275 91287 91294 91338 91352 91355 91365 91374 91377 91442 91487	91328
Philippines	98133 98135 98536 98748	
Samoa and American Samoa		91764 91766 91768
Tokelau and Swains Is.	91720 91723 91724 91727	
Tonga	91780	
Total:	41 stations.	25 stations.

<b>TEMP reports Part A</b>		
<b>(a) Location</b>	<b>(b) Stations implemented</b> (ref. Volume A, edition August 2002)	<b>(c) Stations not implemented</b> (ref. Volume A, edition August 2002)
Australia		94750
Indonesia	97560 97724 97980 96237	
Malaysia	48657	
Nauru		91530
Papua New Guinea	92035	92014
Philippines	98646	98429
Phoenix Islands	91701	
Solomon Islands	91517	
Vanuatu	91557	

Section D, Part I

**RESULTS OF THE ANNUAL GLOBAL MONITORING OF THE OPERATION OF THE WWW**

List of silent stations in RA V at NMCs, RTHs and MTN centres

Monitoring period: 1 to 15 October 2002

Total:	10 stations.	4 stations.
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## Section D, Part II

**RESULTS OF THE ANNUAL GLOBAL MONITORING OF THE OPERATION OF THE WWW**

List of stations in RA V for which reports were received although not mentioned as prepared in Volume A

Monitoring period: 1 to 15 October 2002

<b>SYNOP reports</b>	
<b>(a) Location</b>	<b>(b) Index number</b>
Australia	94283 94700 95482
Cook Islands	91812
Indonesia	97686
Islands in The Pacific Ocean north of The Equator	91165 91190 91203 91212 91285 91334 91348 91376 91408 91413
Papua New Guinea	92001 92003 92004 92014 92035 92044 92047 92076 92077 92087 92100
Philippines	98755
Samoa and American Samoa	91765
Total:	28 stations.

<b>TEMP reports Part A</b>	
<b>(a) Location</b>	<b>(b) Index number</b>
French Polynesia	91958 91925 91943 91948
Islands in The Pacific Ocean north of The Equator	91366
Total:	5 stations.

Section E

**RESULTS OF THE ANNUAL GLOBAL MONITORING OF THE OPERATION OF THE WWW**  
Questionnaire related to the implementation of procedures of the monitoring at centres in Region V

Monitoring period: 1 to 15 October 2002

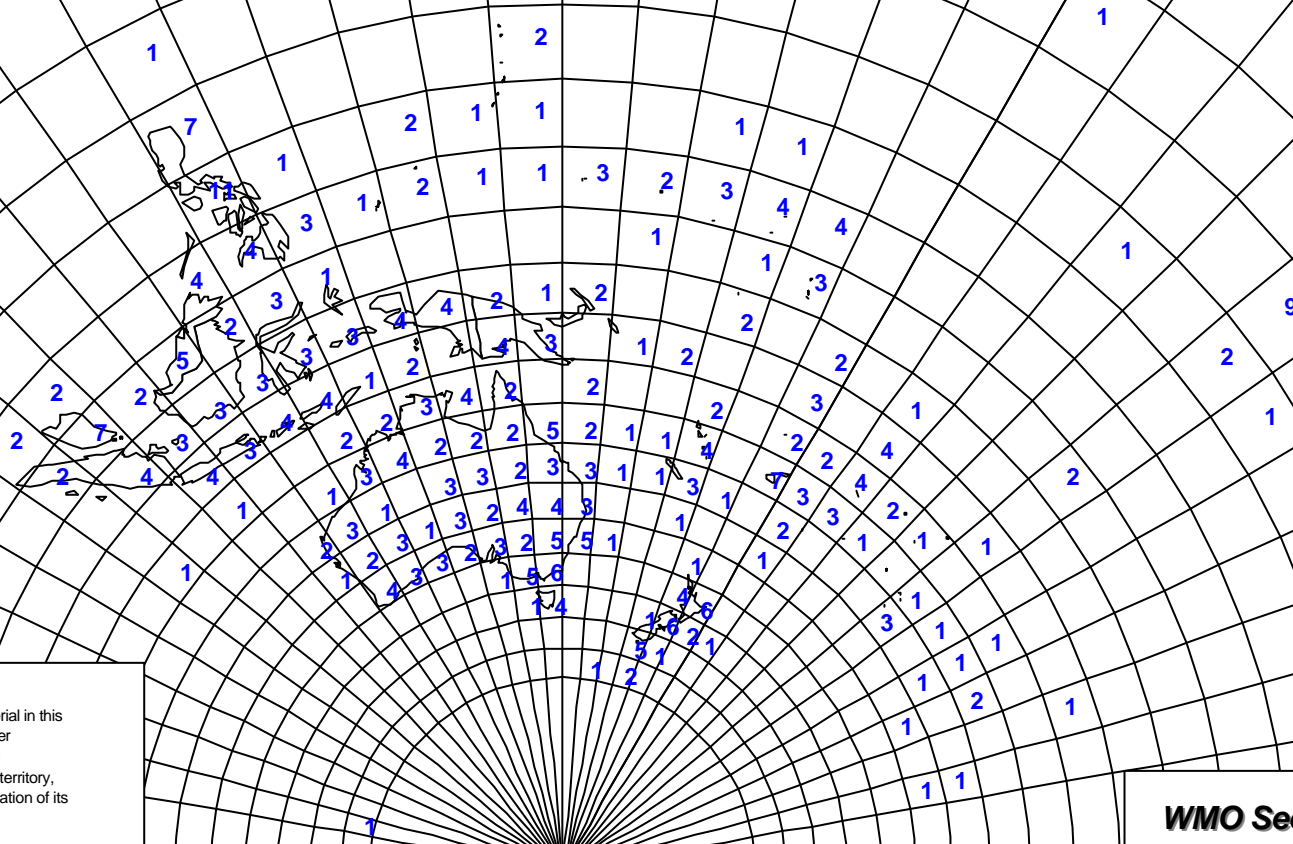
Monitoring centre	Is the monitoring automated ?	Is the counting of bulletins and reports performed before quality control ?	Are bulletins and reports counted only if received or transmitted on the GTS channels ?	Are duplicated bulletins disregarded ?	Are bulletins including only NIL reports counted ?	Are bulletins including COR or CCx counted in addition to bulletins to be corrected ?	Are duplicated reports included in bulletins having the same abbreviated heading disregarded ?	Are duplicated reports included in bulletins having different abbreviated heading disregarded ?	Are NIL reports disregarded ?	Are reports included bulletins including the indicator COR or CCx disregarded to avoid double counting of these reports ?	Are all AIREP/AMDAR reports made at different positions during the flight counted as different reports ?
(a)	1	2	3	4	5	6	7	8	9	10	11
Brunei	No	No	Yes	No	Yes	No	Yes	No	No	No	No
Manila	Yes	No	Yes	Yes	No	No	Yes	Yes	Yes	Yes	-
Nouméa	No	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	-
Singapore	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Washington	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Wellington	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Note: All replies should be "YES", with the restriction that questions 7, 8 and 10 are only applicable to SYNOP, TEMP, PILOT, CLIMAT, and CLIMAT TEMP reports.



**Number of surface stations comprising the RBSN in RA V**

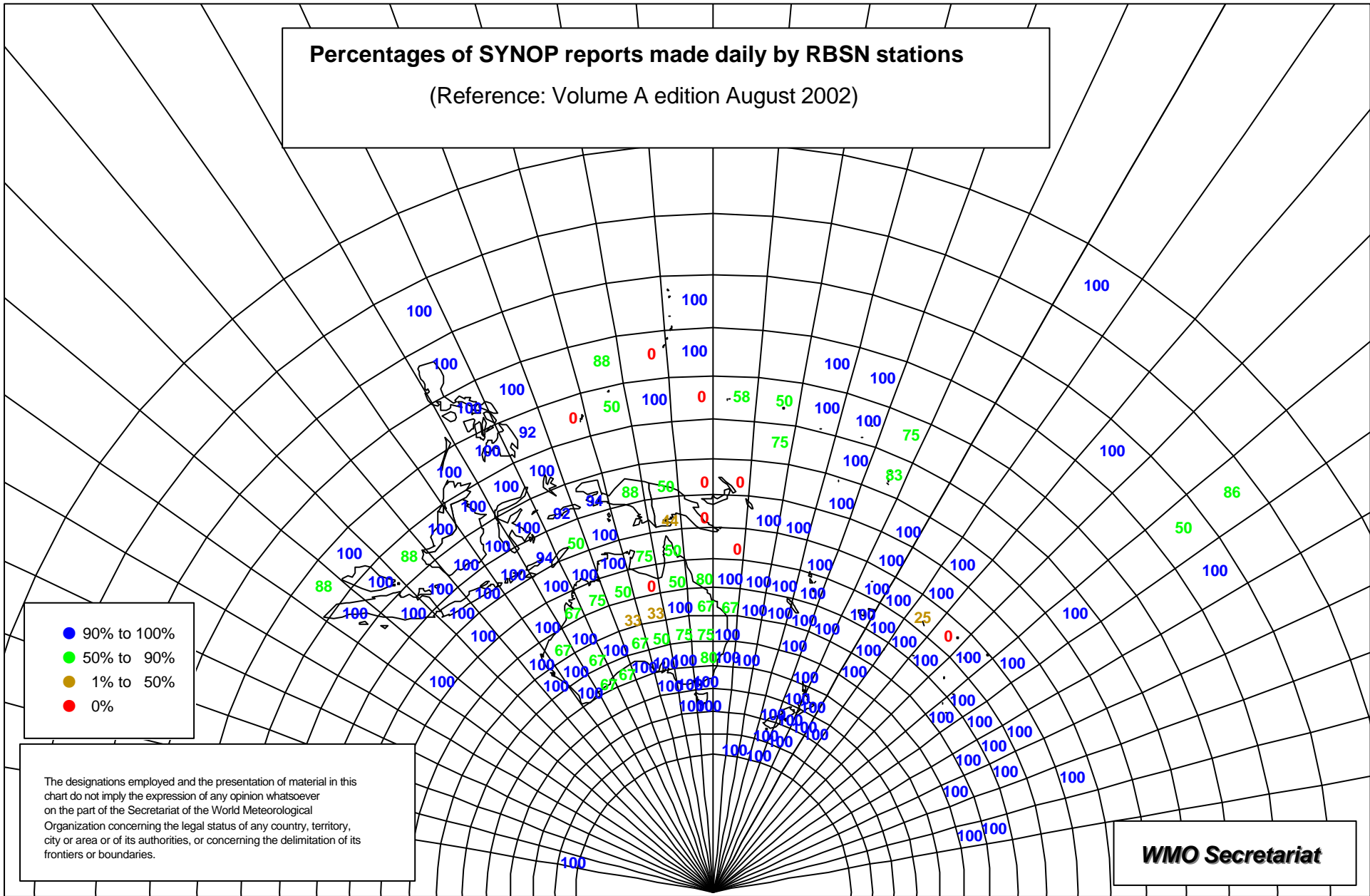
Edition: August 2002



The designations employed and the presentation of material in this chart do not imply the expression of any opinion whatsoever on the part of the Secretariat of the World Meteorological Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries.

**WMO Secretariat**

**Percentages of SYNOP reports made daily by RBSN stations**  
(Reference: Volume A edition August 2002)

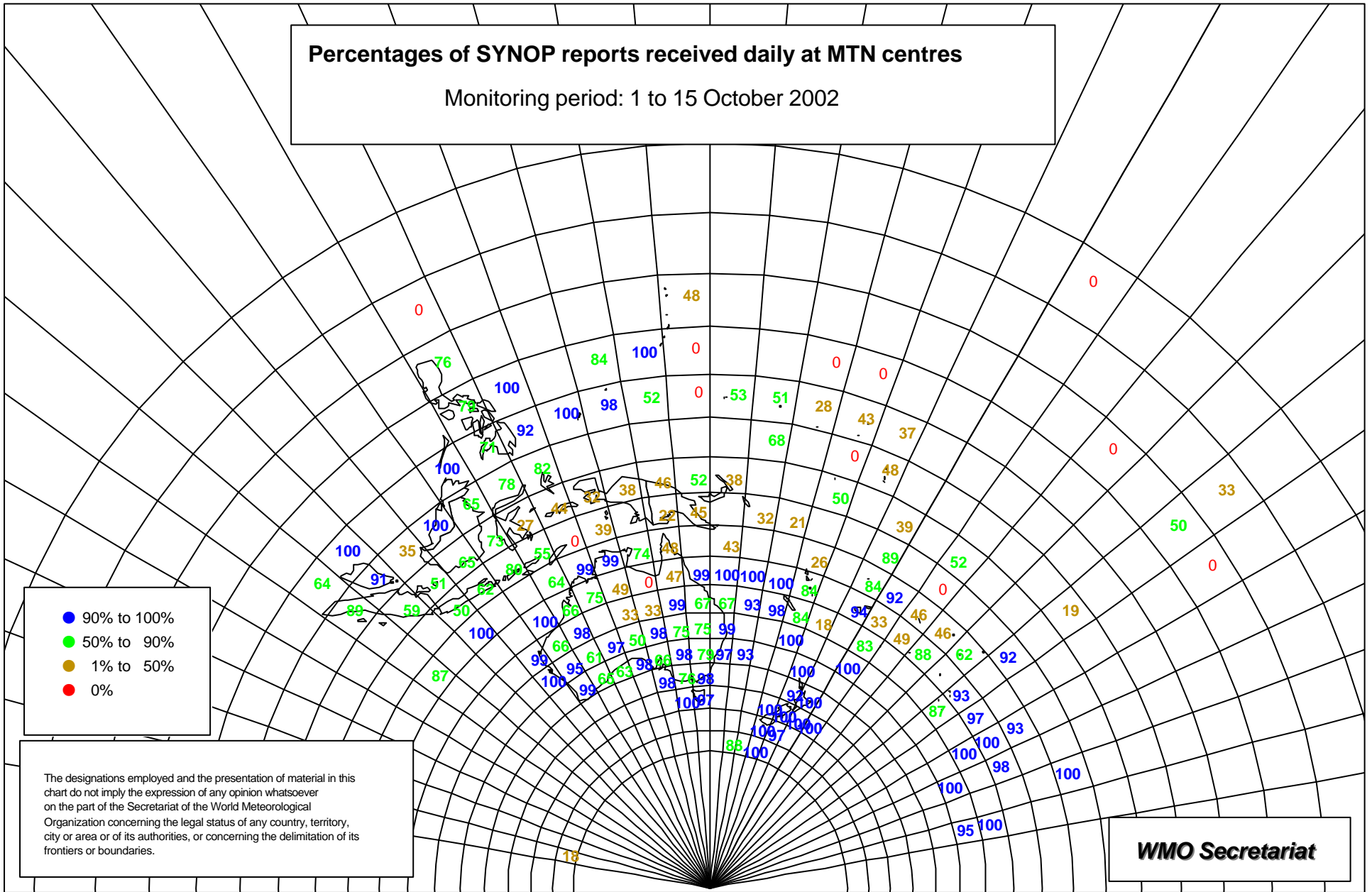


**Percentages of SYNOP reports received daily at MTN centres**  
Monitoring period: 1 to 15 October 2002

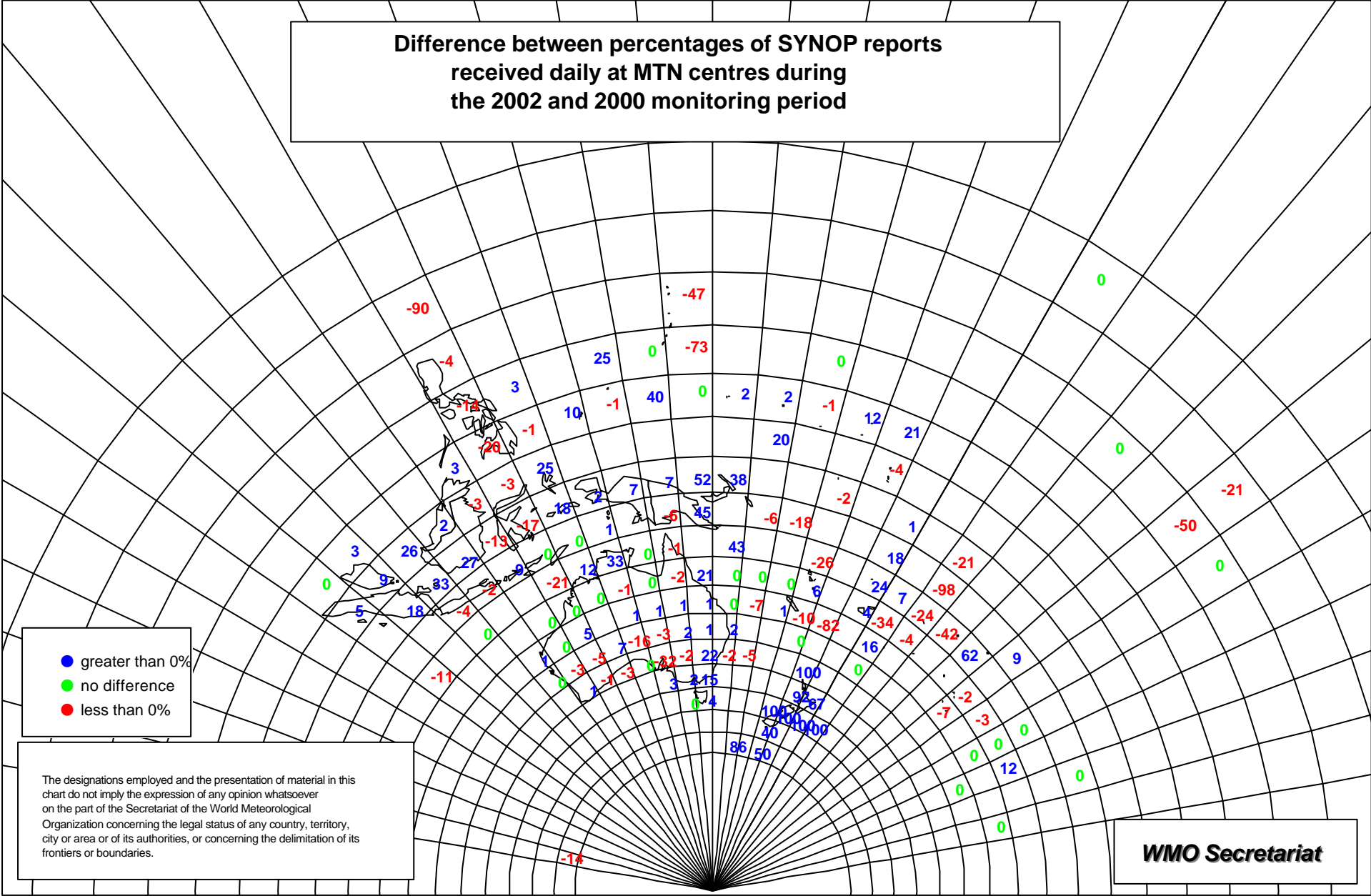
- 90% to 100%
- 50% to 90%
- 1% to 50%
- 0%

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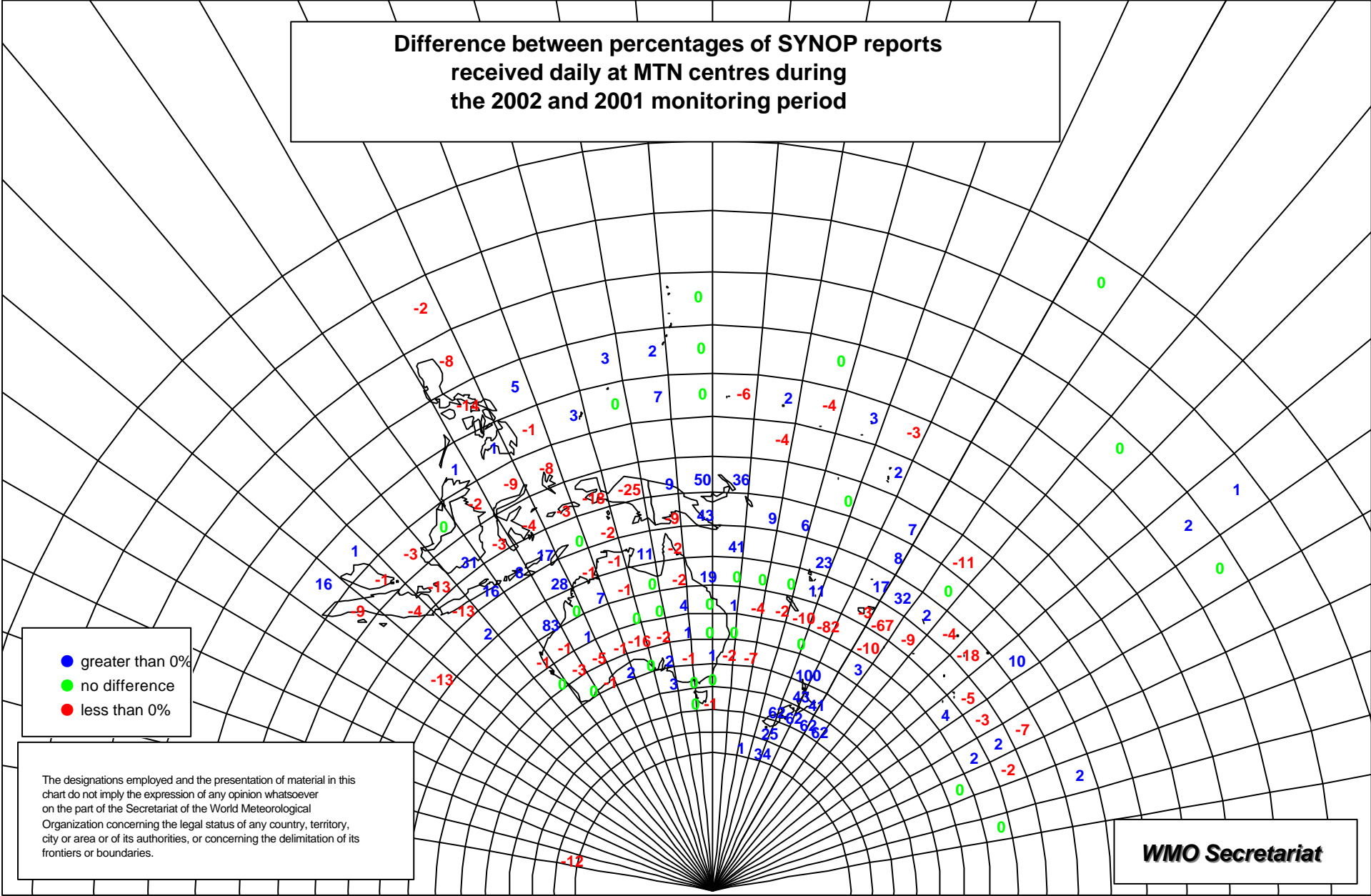


**Difference between percentages of SYNOP reports received daily at MTN centres during the 2002 and 2000 monitoring period**



(calculation based on the existing stations on both RBSN 2002 and 2000)

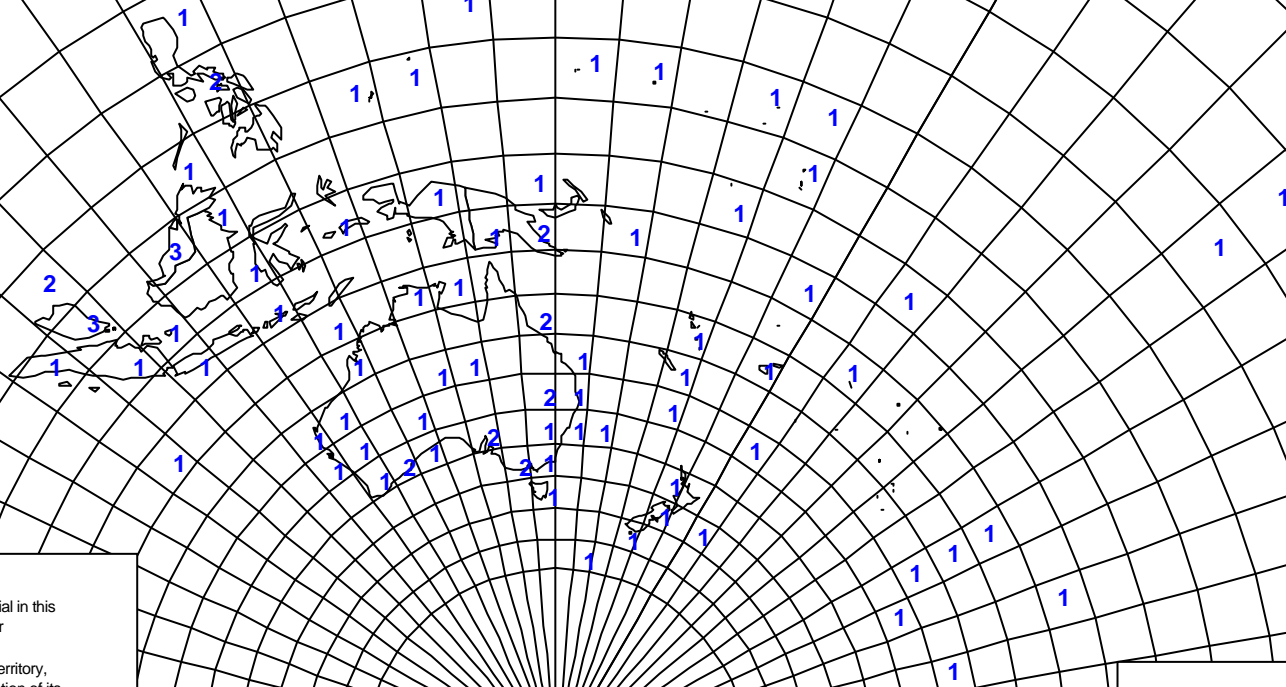
**Difference between percentages of SYNOP reports received daily at MTN centres during the 2002 and 2001 monitoring period**



(calculation based on the existing stations on both RBSN 2002 and 2001)

**Number of upper-air stations comprising the RBSN in RA V**

Monitoring period: 1 to 15 October 2002

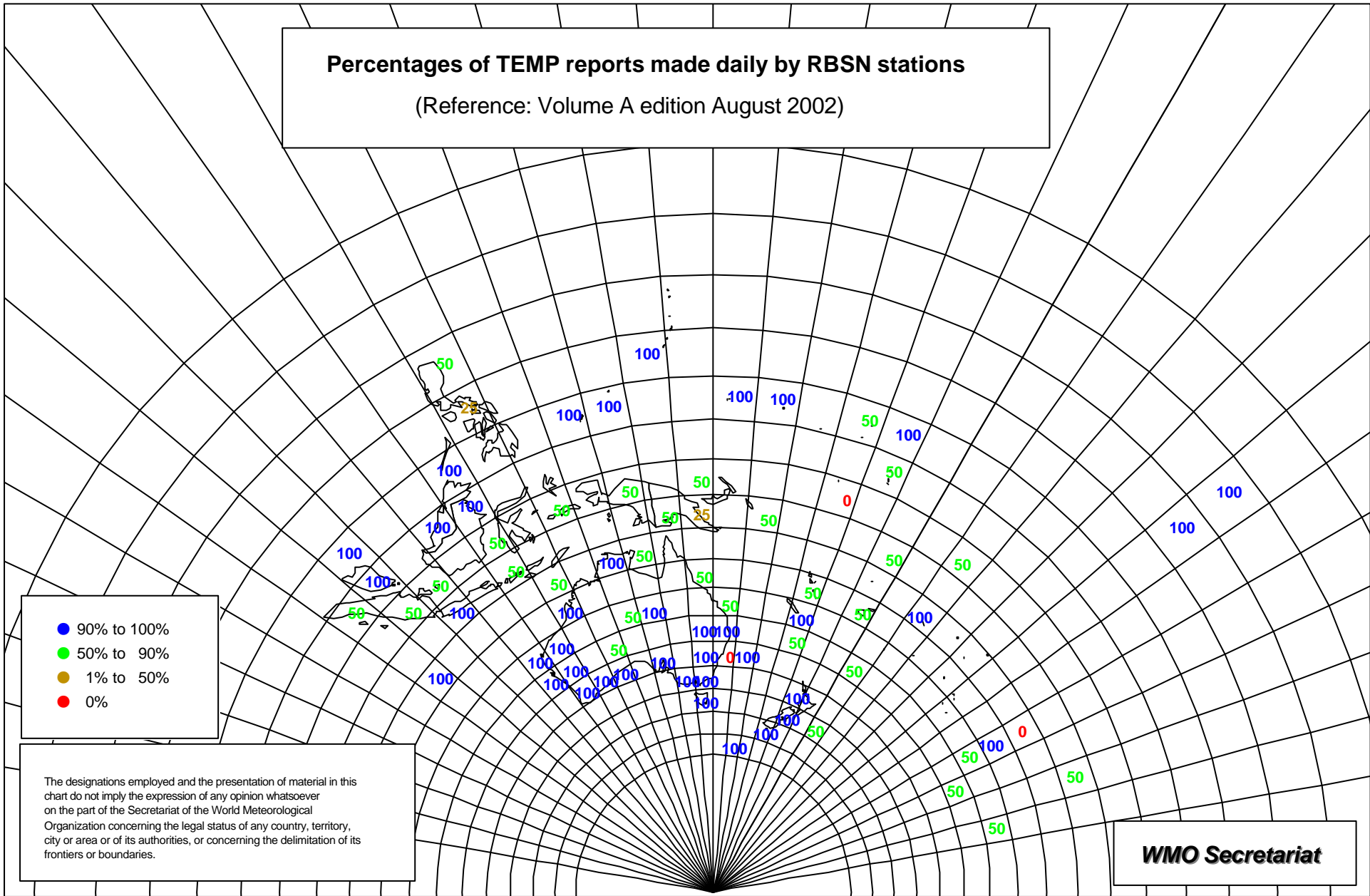


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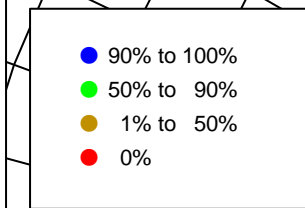
### Percentages of TEMP reports made daily by RBSN stations

(Reference: Volume A edition August 2002)

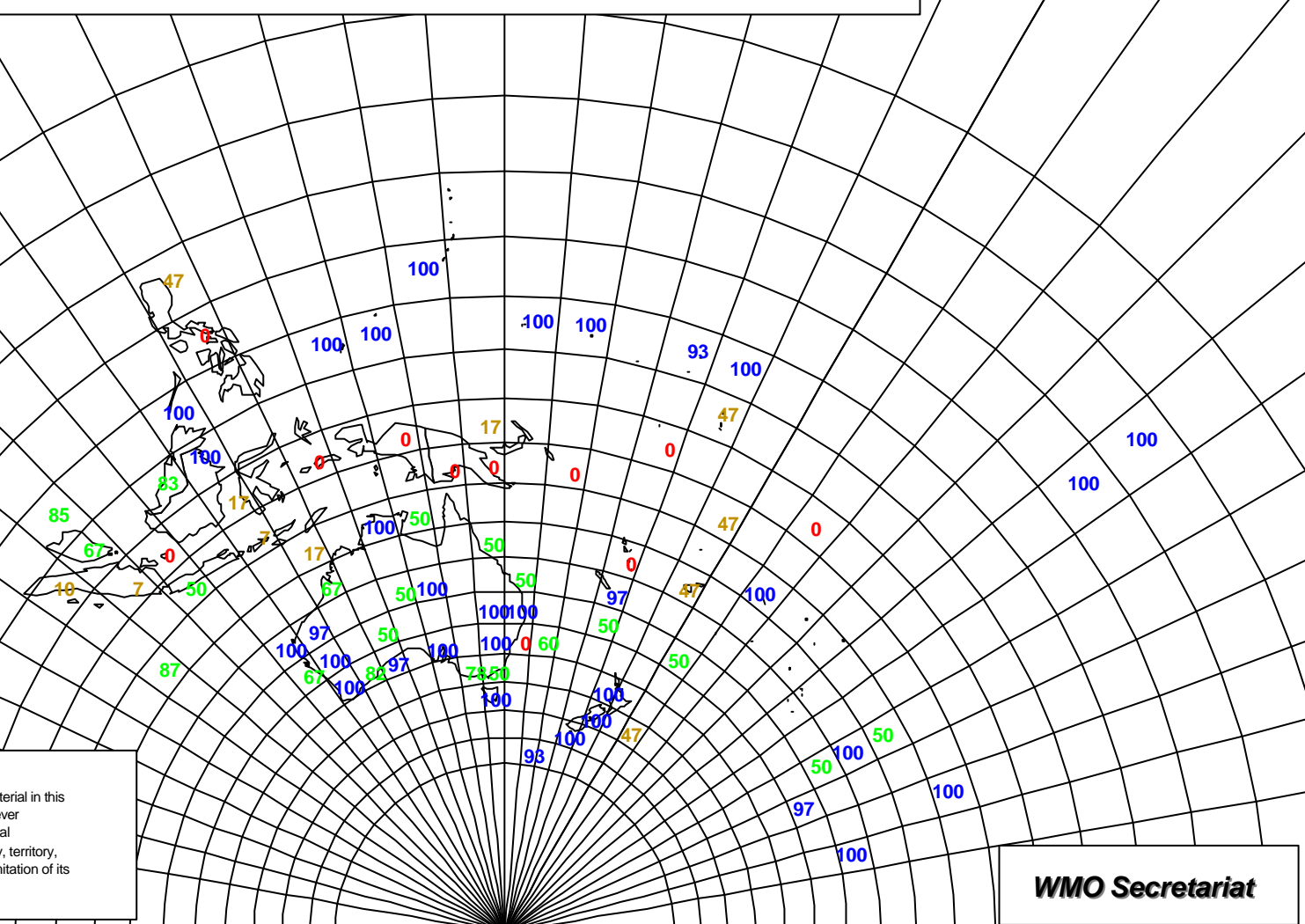


### Percentages of TEMP reports received daily at MTN centres

Monitoring period: 1 to 15 October 2002



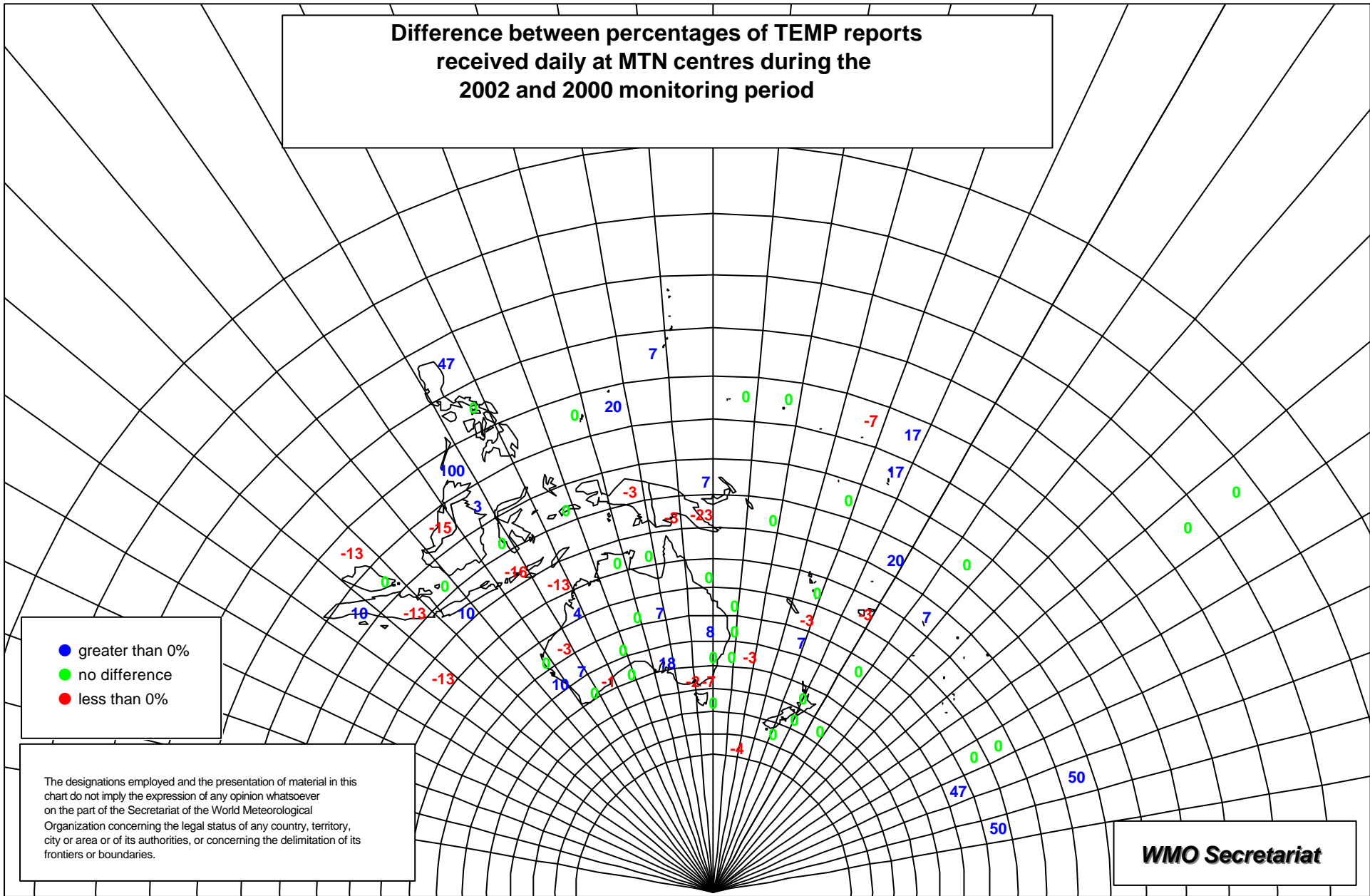
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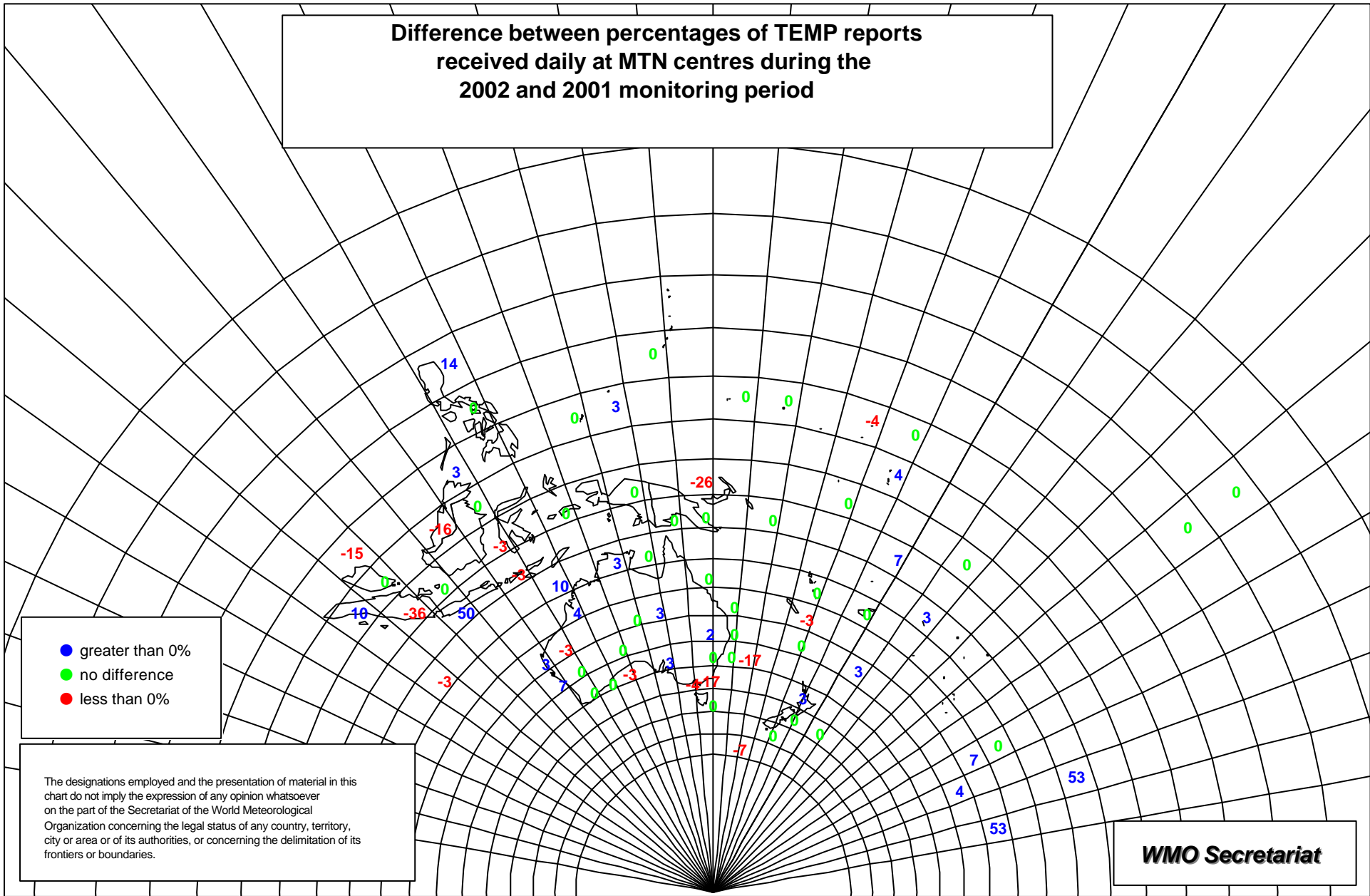


**Difference between percentages of TEMP reports received daily at MTN centres during the 2002 and 2000 monitoring period**



(Calculation based on the existing stations on both RBSN 2002 and 2000)

**Difference between percentages of TEMP reports received daily at MTN centres during the 2002 and 2001 monitoring period**



- greater than 0%
- no difference
- less than 0%

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(Calculation based on the existing stations on both RBSN 2002 and 2001)

### Availability of SYNOP reports from RBSN stations in Region V

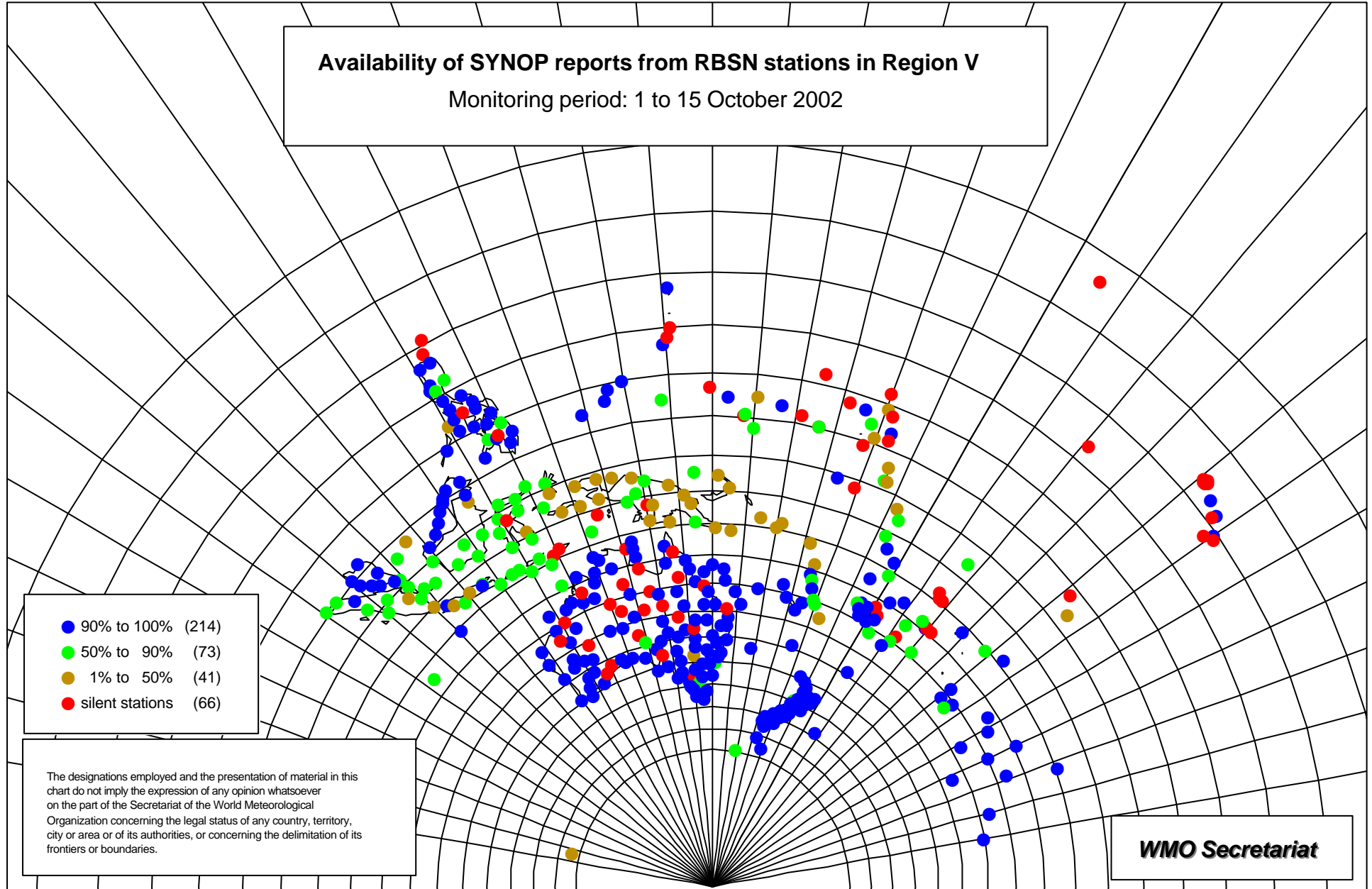
Monitoring period: 1 to 15 October 2002

- 90% to 100% (214)
- 50% to 90% (73)
- 1% to 50% (41)
- silent stations (66)

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(percentage of reports based on main synoptic hours)



### Availability of TEMP reports from RBSN stations in Region V

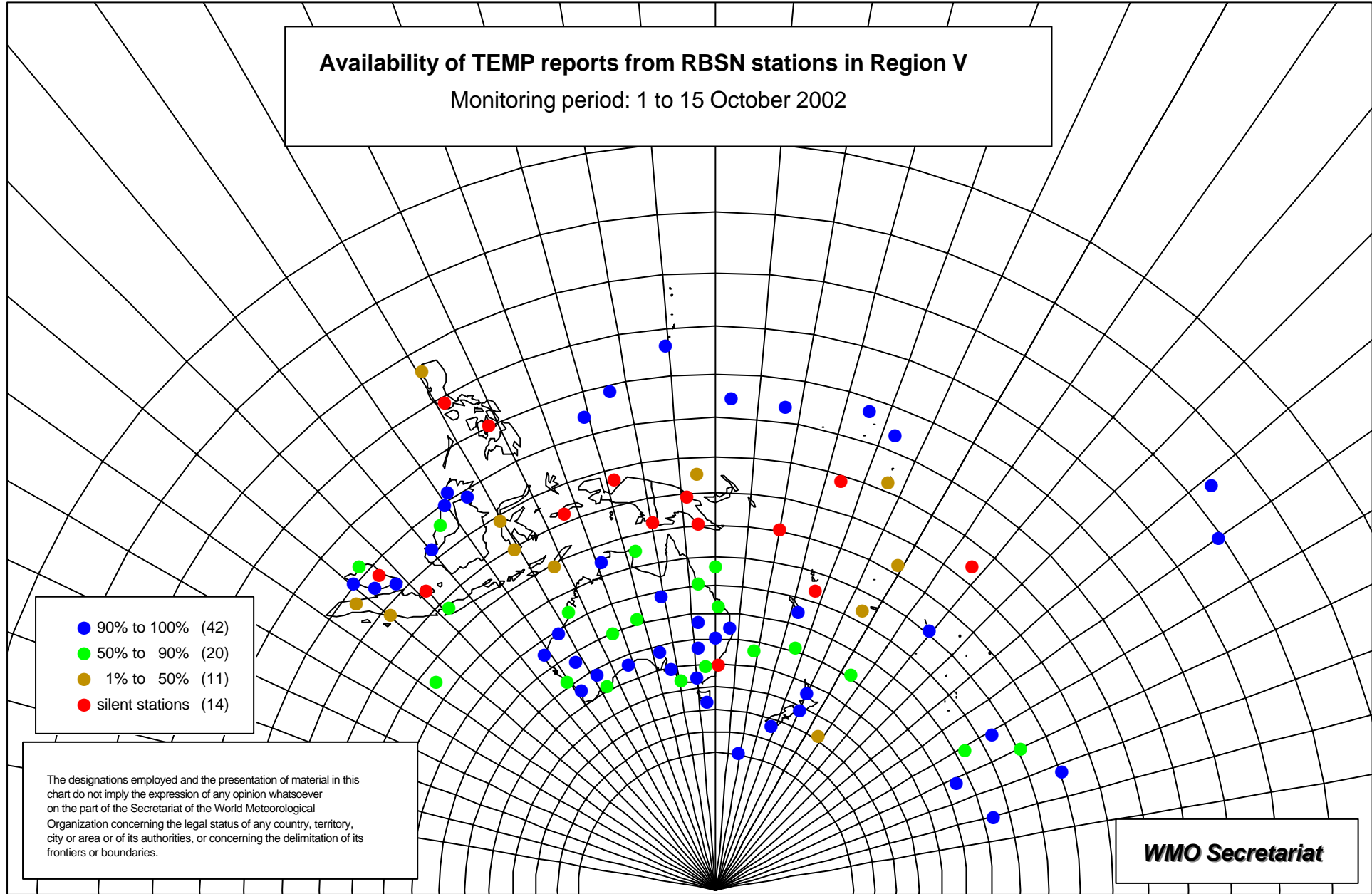
Monitoring period: 1 to 15 October 2002

- 90% to 100% (42)
- 50% to 90% (20)
- 1% to 50% (11)
- silent stations (14)

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(percentage of reports based on 0000 and 1200 UTC)



## Appendix B

Availability of SYNOP, TEMP Part A, CLIMAT and CLIMAT TEMP reports from RBSN/ RBCN stations during the 2003 Special MTN Monitoring (SMM) of the operation of the WWW

## Availability of SYNOP reports received from RBSN stations in Region V

(Special MTN Monitoring)

Monitoring period: 1 to 15 January 2003, 1 to 15 April 2003, 1 to 15 July 2003 and 1 to 15 October 2003

Country name	Calculation based on combining the four RBSNs						
	RBSNs	Volume A October 2003	Percentage of reports received with reference to the four RBSNs				Average over the four monitoring periods
	Number of stations	Number of observations implemented (%)	January 2003	April 2003	July 2003	October 2003	
Australia	126	492 ( 98 %)	77 %	78 %	77 %	78 %	78 %
Brunei Darussalam	1	4 (100 %)	98 %	100 %	97 %	98 %	98 %
Cook Islands	7	24 ( 86 %)	80 %	81 %	74 %	26 %	65 %
Detached Islands (91 533)	1	4 (100 %)	0 %	0 %	0 %	0 %	0 %
Detached Islands (91 : 753, 754)	2	8 (100 %)	98 %	95 %	78 %	95 %	92 %
Detached Islands (91: 960 - 998)	1	4 (100 %)	93 %	87 %	98 %	92 %	93 %
East Timor	2	5 ( 63 %)	39 %	0 %	0 %	0 %	10 %
Fiji	12	48 (100 %)	67 %	76 %	64 %	76 %	71 %
French Polynesia	9	36 (100 %)	100 %	92 %	99 %	88 %	95 %
Indonesia	61	237 ( 97 %)	55 %	68 %	68 %	66 %	64 %
Islands (96: 995, 996)	2	8 (100 %)	92 %	97 %	98 %	100 %	97 %
Islands in The Pacific Ocean north of The Equator	47	148 ( 79 %)	30 %	29 %	29 %	29 %	29 %
Kiribati	5	18 ( 90 %)	49 %	54 %	39 %	38 %	45 %
Malaysia	14	56 (100 %)	100 %	100 %	100 %	100 %	100 %
Nauru	1	4 (100 %)	100 %	100 %	100 %	100 %	100 %
New Caledonia	6	24 (100 %)	91 %	70 %	84 %	84 %	82 %
New Zealand	30	120 (100 %)	99 %	98 %	98 %	99 %	99 %
Niue	1	4 (100 %)	87 %	98 %	20 %	97 %	76 %
Papua New Guinea	11	31 ( 70 %)	41 %	47 %	30 %	42 %	40 %
Philippines	28	112 (100 %)	75 %	77 %	72 %	77 %	75 %
Phoenix Islands	1	4 (100 %)	18 %	40 %	42 %	52 %	38 %
Samoa and American Samoa	5	4 ( 20 %)	32 %	38 %	30 %	33 %	33 %
Singapore	1	4 (100 %)	100 %	100 %	100 %	100 %	100 %
Solomon Islands	4	16 (100 %)	27 %	28 %	39 %	33 %	32 %
Tokelau and Swains Islands	4	16 (100 %)	100 %	0 %	0 %	0 %	25 %
Tonga	4	16 (100 %)	63 %	61 %	53 %	57 %	59 %
Tuvalu	4	16 (100 %)	89 %	93 %	92 %	89 %	91 %

**Availability of SYNOP reports received from RBSN stations in Region V**

(Special MTN Monitoring)

Monitoring period: 1 to 15 January 2003, 1 to 15 April 2003, 1 to 15 July 2003 and 1 to 15 October 2003

<i>Country name</i>	<i>Calculation based on combining the four RBSNs</i>						
	<i>RBSNs</i>	<i>Volume A October 2003</i>	<i>Percentage of reports received with reference to the four RBSNs</i>				<i>Average over the four monitoring periods</i>
	<i>Number of stations</i>	<i>Number of observations implemented (%)</i>	<i>January 2003</i>	<i>April 2003</i>	<i>July 2003</i>	<i>October 2003</i>	
Vanuatu	6	24 (100 %)	62 %	78 %	85 %	91 %	79 %

Availability of TEMP reports Part A received from RBSN stations in Region V

(Special MTN Monitoring)

Monitoring period: 1 to 15 January 2003, 1 to 15 April 2003, 1 to 15 July 2003 and 1 to 15 October 2003

Country name	Calculation based on combining the four RBSNs						
	RBSNs	Volume A October 2003	Percentage of reports received with reference to the four RBSNs				Average over the four monitoring periods
	Number of stations	Number of observations implemented (%)	January 2003	April 2003	July 2003	October 2003	
Australia	32	62 ( 97 %)	77 %	78 %	74 %	74 %	76 %
Brunei Darussalam	1	2 (100 %)	100 %	100 %	100 %	100 %	100 %
Fiji	1	2 (100 %)	50 %	50 %	47 %	50 %	49 %
French Polynesia	6	10 ( 83 %)	75 %	69 %	74 %	74 %	73 %
Indonesia	10	20 (100 %)	7 %	12 %	14 %	17 %	13 %
Islands (96: 995, 996)	1	2 (100 %)	97 %	93 %	100 %	97 %	97 %
Islands in The Pacific Ocean north of The Equator	9	17 ( 94 %)	88 %	87 %	88 %	87 %	88 %
Kiribati	1	2 (100 %)	47 %	40 %	43 %	40 %	43 %
Malaysia	8	16 (100 %)	78 %	75 %	83 %	86 %	81 %
Nauru	1	0 ( 0 %)	0 %	0 %	0 %	0 %	0 %
New Caledonia	1	2 (100 %)	97 %	90 %	100 %	100 %	97 %
New Zealand	5	8 ( 80 %)	80 %	79 %	79 %	78 %	79 %
Papua New Guinea	3	2 ( 33 %)	0 %	9 %	8 %	12 %	7 %
Philippines	3	2 ( 33 %)	0 %	0 %	0 %	9 %	2 %
Phoenix Islands	1	1 ( 50 %)	0 %	0 %	0 %	0 %	0 %
Samoa and American Samoa	1	2 (100 %)	100 %	97 %	100 %	100 %	99 %
Singapore	1	2 (100 %)	100 %	87 %	100 %	100 %	97 %
Solomon Islands	1	2 (100 %)	0 %	0 %	0 %	0 %	0 %
Tuvalu	1	2 (100 %)	43 %	23 %	50 %	30 %	37 %
Vanuatu	1	2 (100 %)	0 %	0 %	0 %	0 %	0 %



## Availability of CLIMAT reports received from RBCN stations in Region V

(Special MTN Monitoring)

Monitoring period: 1 to 15 January 2003, 1 to 15 April 2003, 1 to 15 July 2003 and 1 to 15 October 2003

Country name	Calculation based on combining the four RBCNs						
	RBCNs	Volume A October 2003	Percentage of reports received with reference to the four RBCNs				Average over the four monitoring periods
	Number of stations	Number of observations implemented (%)	January 2003	April 2003	July 2003	October 2003	
Australia	77	76 (99 %)	100 %	100 %	100 %	99 %	100 %
Brunei Darussalam	1	1 (100 %)	100 %	100 %	100 %	100 %	100 %
Cook Islands	4	1 (25 %)	0 %	0 %	0 %	0 %	0 %
Detached Islands (91 : 753, 754)	1	1 (100 %)	0 %	0 %	0 %	0 %	0 %
East Timor	2	0 ( 0 %)	0 %	0 %	0 %	0 %	0 %
Fiji	5	5 (100 %)	0 %	80 %	80 %	80 %	60 %
French Polynesia	8	8 (100 %)	100 %	100 %	100 %	88 %	97 %
Indonesia	30	19 (63 %)	17 %	20 %	17 %	33 %	22 %
Islands (96: 995, 996)	2	2 (100 %)	100 %	100 %	100 %	100 %	100 %
Islands in The Pacific Ocean north of The Equator	12	10 (83 %)	75 %	75 %	75 %	75 %	75 %
Kiribati	1	1 (100 %)	0 %	0 %	0 %	0 %	0 %
Malaysia	14	13 (93 %)	100 %	100 %	100 %	100 %	100 %
Nauru	1	0 ( 0 %)	0 %	0 %	0 %	0 %	0 %
New Caledonia	2	2 (100 %)	50 %	50 %	50 %	50 %	50 %
New Zealand	9	7 (78 %)	0 %	0 %	0 %	0 %	0 %
Niue	1	1 (100 %)	0 %	0 %	0 %	0 %	0 %
Papua New Guinea	10	10 (100 %)	10 %	100 %	70 %	70 %	63 %
Philippines	8	7 (88 %)	0 %	50 %	0 %	0 %	13 %
Samoa and American Samoa	2	2 (100 %)	50 %	50 %	50 %	50 %	50 %
Singapore	1	1 (100 %)	100 %	100 %	100 %	100 %	100 %
Tuvalu	1	1 (100 %)	100 %	100 %	100 %	100 %	100 %
Vanuatu	2	2 (100 %)	0 %	0 %	0 %	0 %	0 %

Availability of CLIMAT TEMP reports received from RBCN stations in Region V

(Special MTN Monitoring)

Monitoring period: 1 to 15 January 2003, 1 to 15 April 2003, 1 to 15 July 2003 and 1 to 15 October 2003

Country name	Calculation based on combining the four RBCNs						
	RBCNs	Volume A October 2003	Percentage of reports received with reference to the four RBCNs				Average over the four monitoring periods
	Number of stations	Number of observations implemented (%)	January 2003	April 2003	July 2003	October 2003	
Australia	36	34 ( 94 %)	92 %	92 %	92 %	92 %	92 %
Brunei Darussalam	1	1 (100 %)	100 %	100 %	100 %	100 %	100 %
Fiji	1	1 (100 %)	100 %	100 %	100 %	100 %	100 %
French Polynesia	6	6 (100 %)	100 %	100 %	100 %	83 %	96 %
Indonesia	3	0 ( 0 %)	0 %	0 %	0 %	0 %	0 %
Islands (96: 995, 996)	1	1 (100 %)	100 %	100 %	100 %	100 %	100 %
Islands in The Pacific Ocean north of The Equator	10	2 ( 20 %)	70 %	70 %	70 %	70 %	70 %
Kiribati	1	1 (100 %)	0 %	0 %	0 %	0 %	0 %
Malaysia	8	7 ( 88 %)	88 %	88 %	88 %	88 %	88 %
New Caledonia	1	1 (100 %)	100 %	100 %	100 %	100 %	100 %
New Zealand	5	5 (100 %)	100 %	100 %	100 %	100 %	100 %
Samoa and American Samoa	1	1 (100 %)	100 %	100 %	100 %	100 %	100 %
Singapore	1	1 (100 %)	100 %	100 %	100 %	100 %	100 %
Tuvalu	1	1 (100 %)	0 %	0 %	100 %	100 %	50 %
Vanuatu	1	1 (100 %)	0 %	0 %	0 %	0 %	0 %

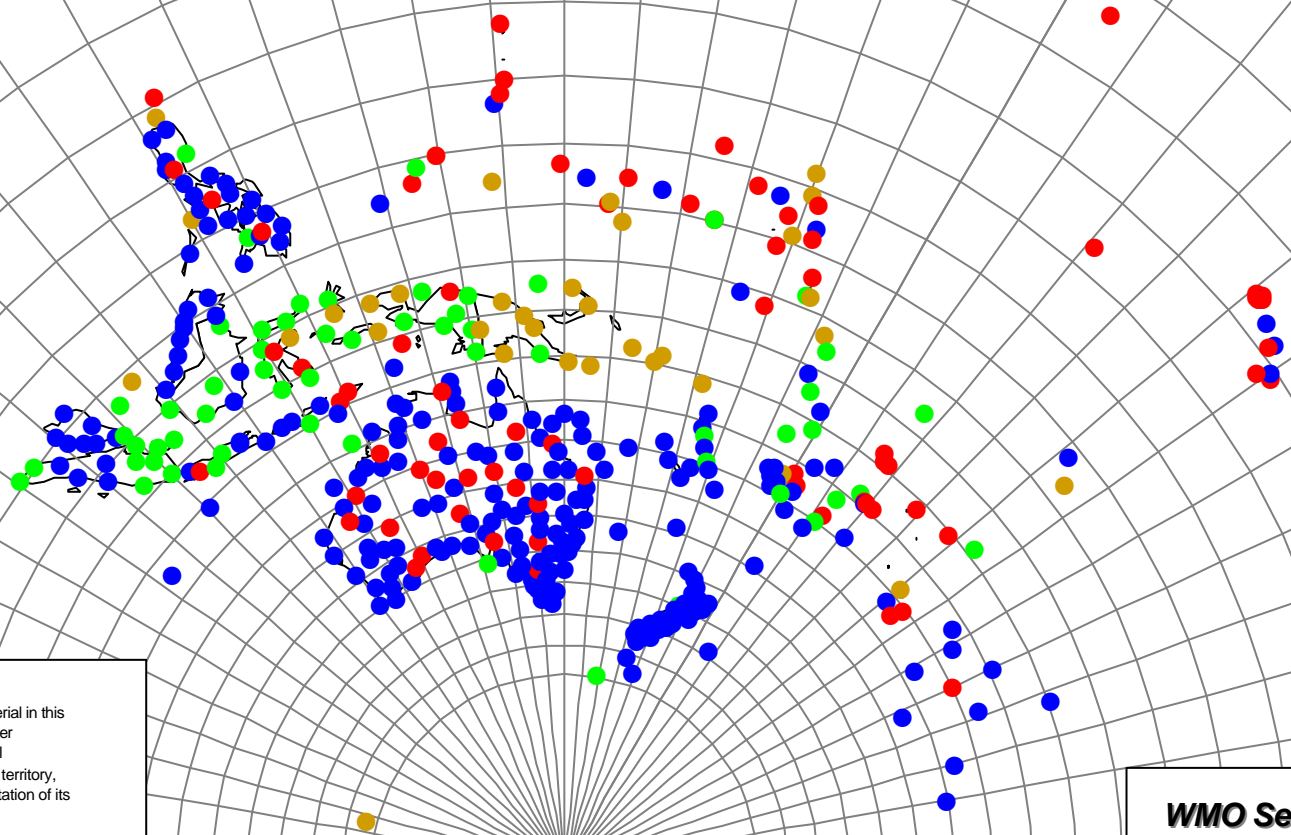
### Availability of SYNOP reports from RBSN stations in Region V

Monitoring period: 1 to 15 October 2003

- 90% to 100% (227)
- 50% to 90% (58)
- 1% to 50% (34)
- silent stations (77)

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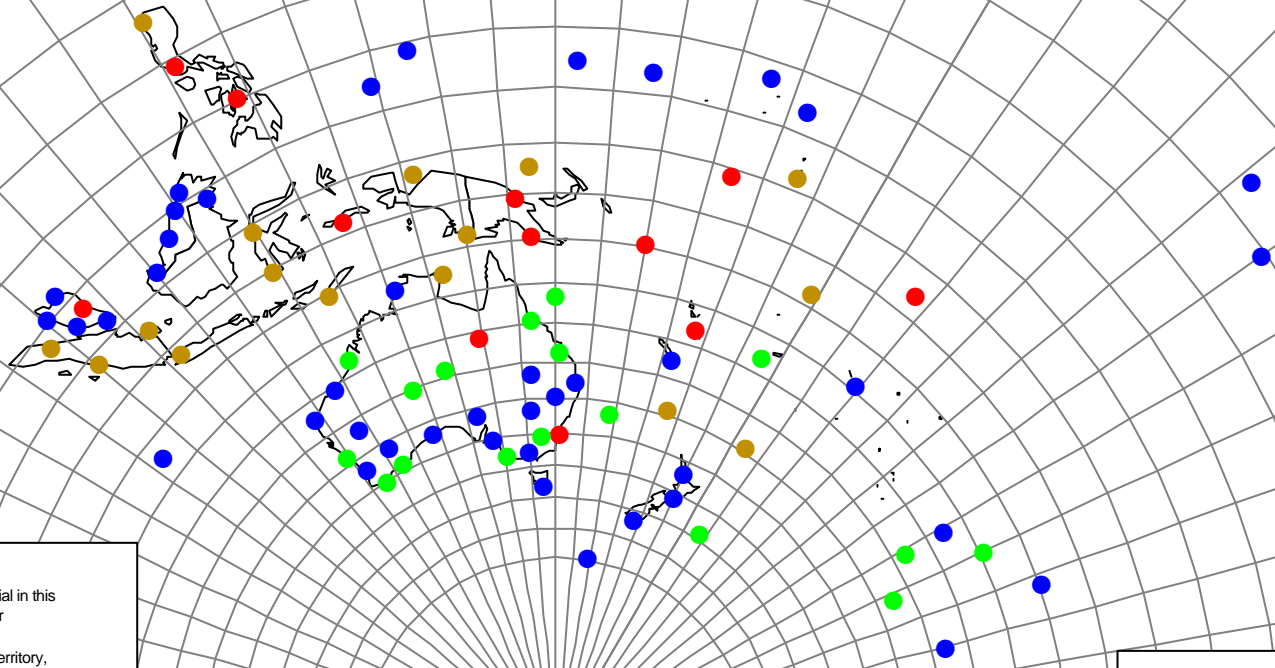
### Availability of TEMP reports from RBSN stations in Region V

Monitoring period: 1 to 15 October 2003

- 90% to 100% (42)
- 50% to 90% (17)
- 1% to 50% (16)
- silent stations (13)

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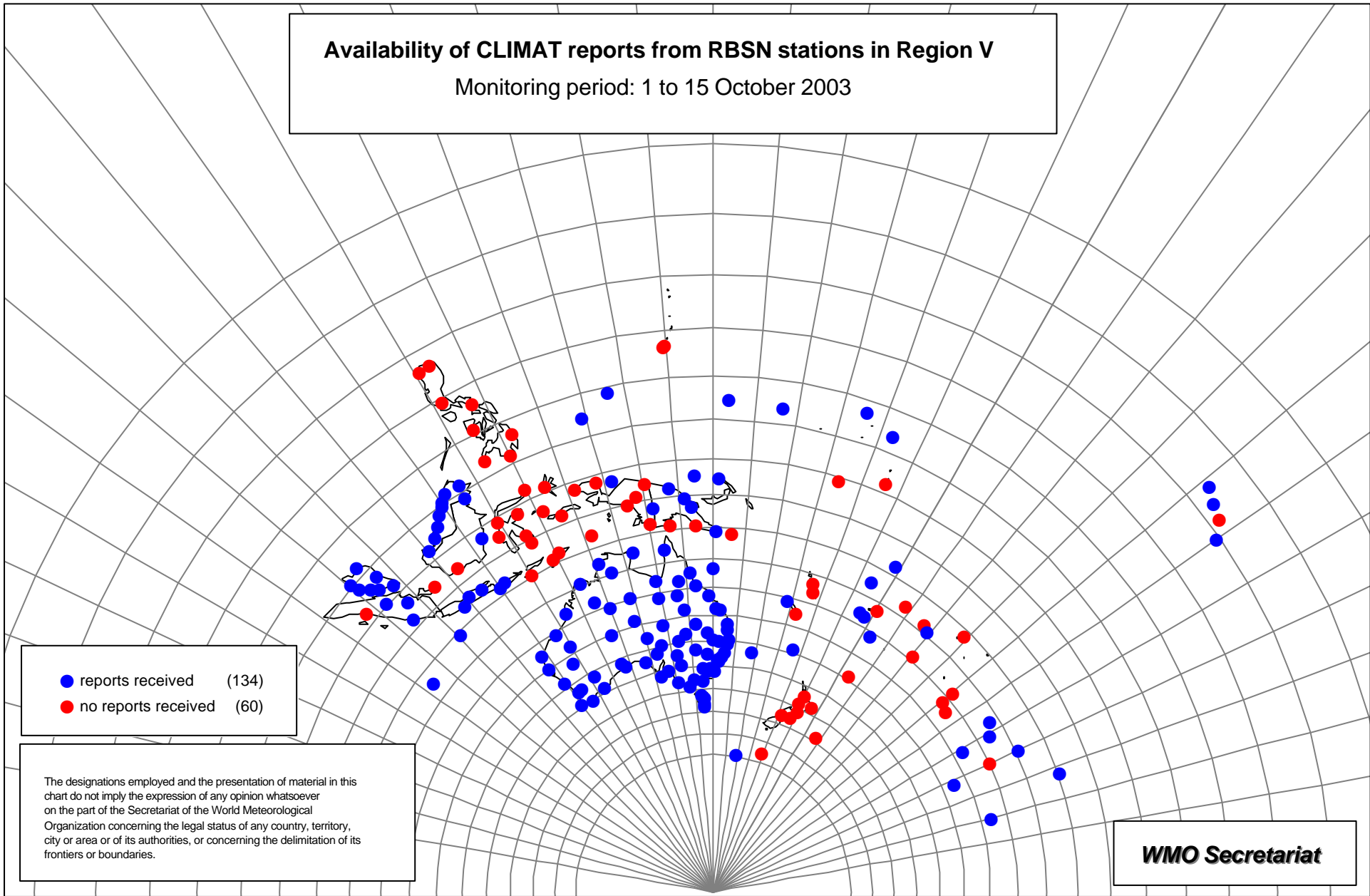


**Availability of CLIMAT reports from RBSN stations in Region V**  
Monitoring period: 1 to 15 October 2003

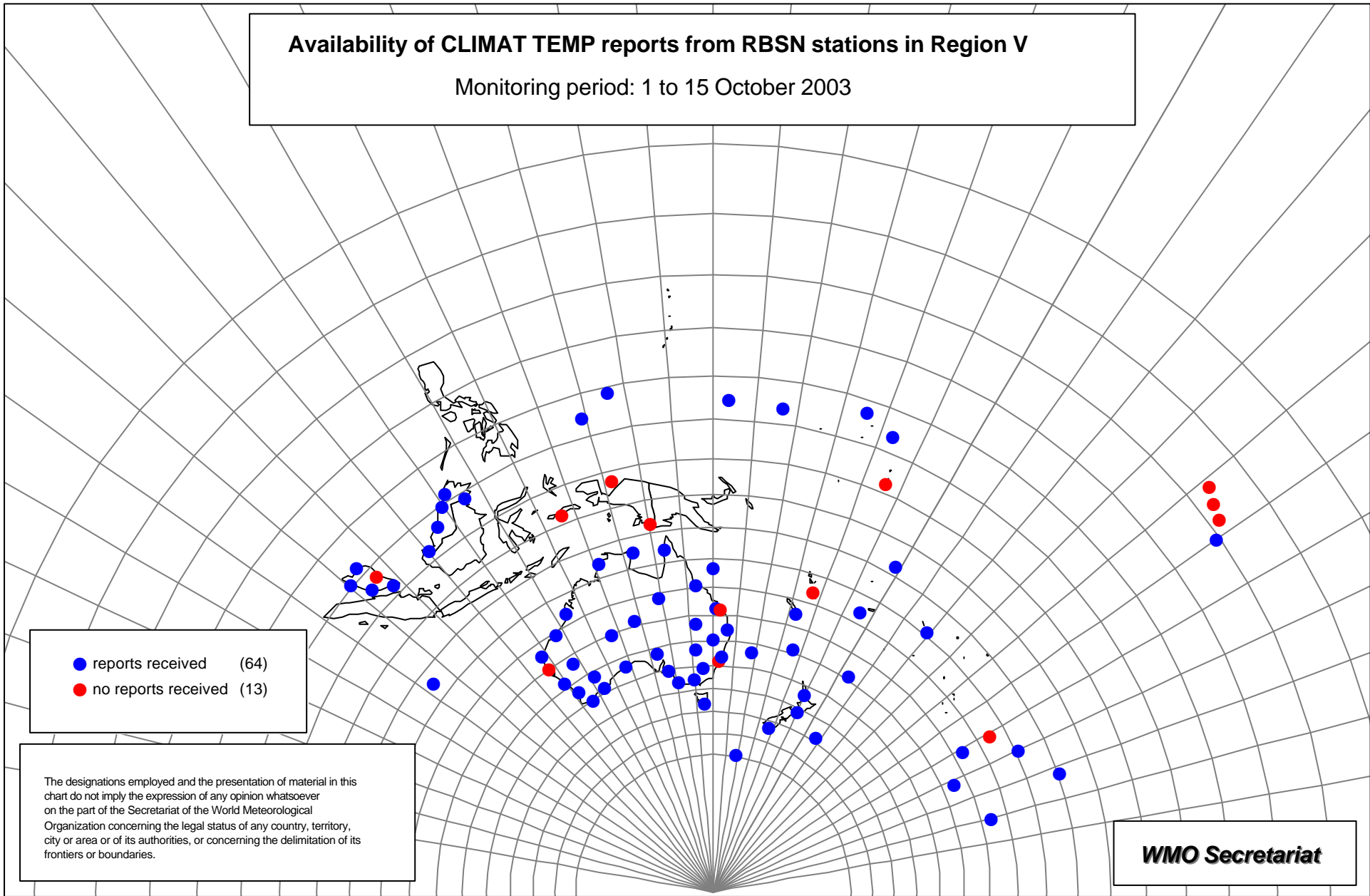
- reports received (134)
- no reports received (60)

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**Availability of CLIMAT TEMP reports from RBSN stations in Region V**  
Monitoring period: 1 to 15 October 2003



- reports received (64)
- no reports received (13)

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