

## Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 206

Country: Solomon Islands

## Part 1: Recent Climate

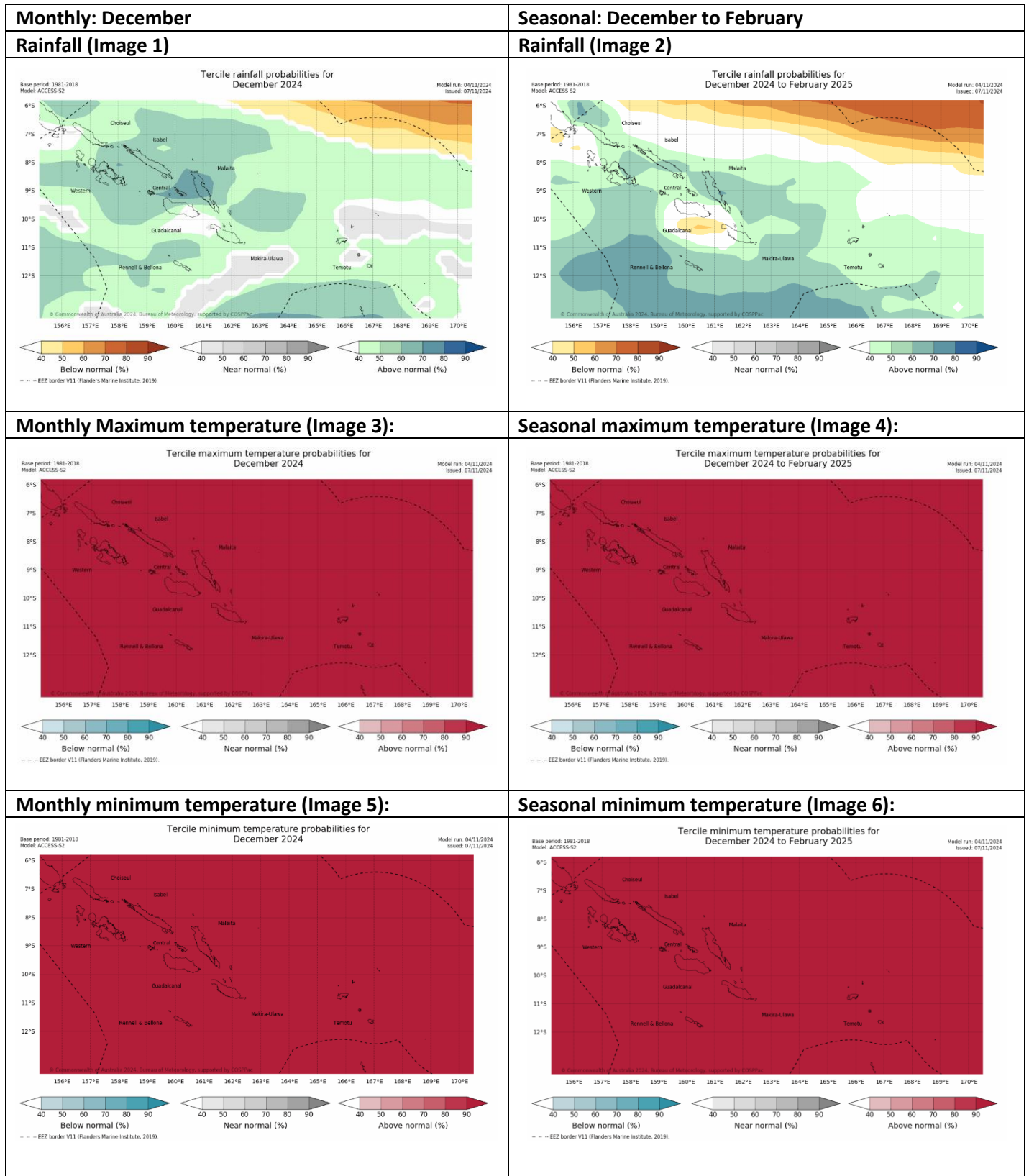
TABLE 1: Monthly rainfall

Station (include data period)	Aug-2024	Sep-2024	Oct-2024				Rank
			Total (mm)	33%tile	67%tile	Median	
	Total (mm)	Total (mm)	Rainfall (mm)				
Auki (1962-2024)	377.3	121.8	251.8	180.7	243.3	204.3	43/62
Henderson (1975-2024)	134.3	43.7	135.7	59.3	123.4	97.4	37/50
Honiara (1954-2024)	128.9	48.3	89.9	72.7	147.6	97.6	30/68
Kirakira (1965-2024)	213.0	155.8	204.6	168.1	312.3	259.4	25/57
Lata (1975-2024)	365.0	238.2	178.4	309.2	453.8	380.5	5/50
Munda (1962-2024)	401.3	239.2	290.2	205.4	250.4	224.4	51/63
Taro (1975-2024)	255.7	259.2	275.2	240.8	313.0	263.3	25/56

TABLE 2: Three-month Total Rainfall for August to October 2024

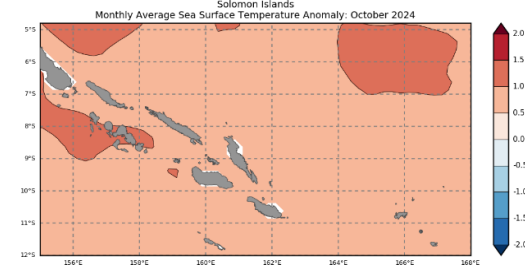
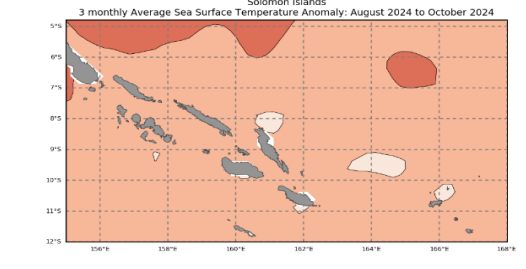
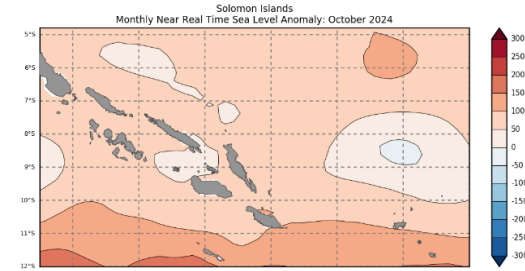
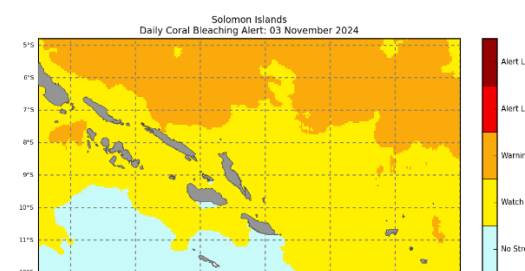
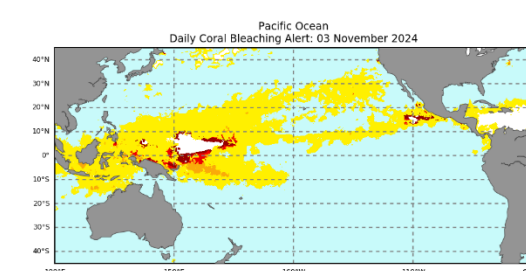
Station	Three-month Total		33%tile	67%tile	Median	Rank
	Rainfall (mm)					
Auki (1962-2024)	750.9	Above normal	553.7	716.3	614.6	46/62
Henderson (1975-2024)	313.7	Normal	249.6	330.4	292.0	29/50
Honiara (1954-2024)	267.1	Below normal	270.3	359.8	308.2	23/68
Kirakira (1965-2024)	573.4	Below normal	685.5	959.5	835.5	15/54
Lata (1975-2024)	781.6	Below normal	938.2	1155.8	1090.6	6/50
Munda (1962-2024)	930.7	Above normal	676.2	818.8	749.8	53/63
Taro (1975-2024)	790.1	Below normal	814.1	972.3	870.2	14/45

Part 1i. Monthly and Seasonal Outlooks for December and December to February 2025

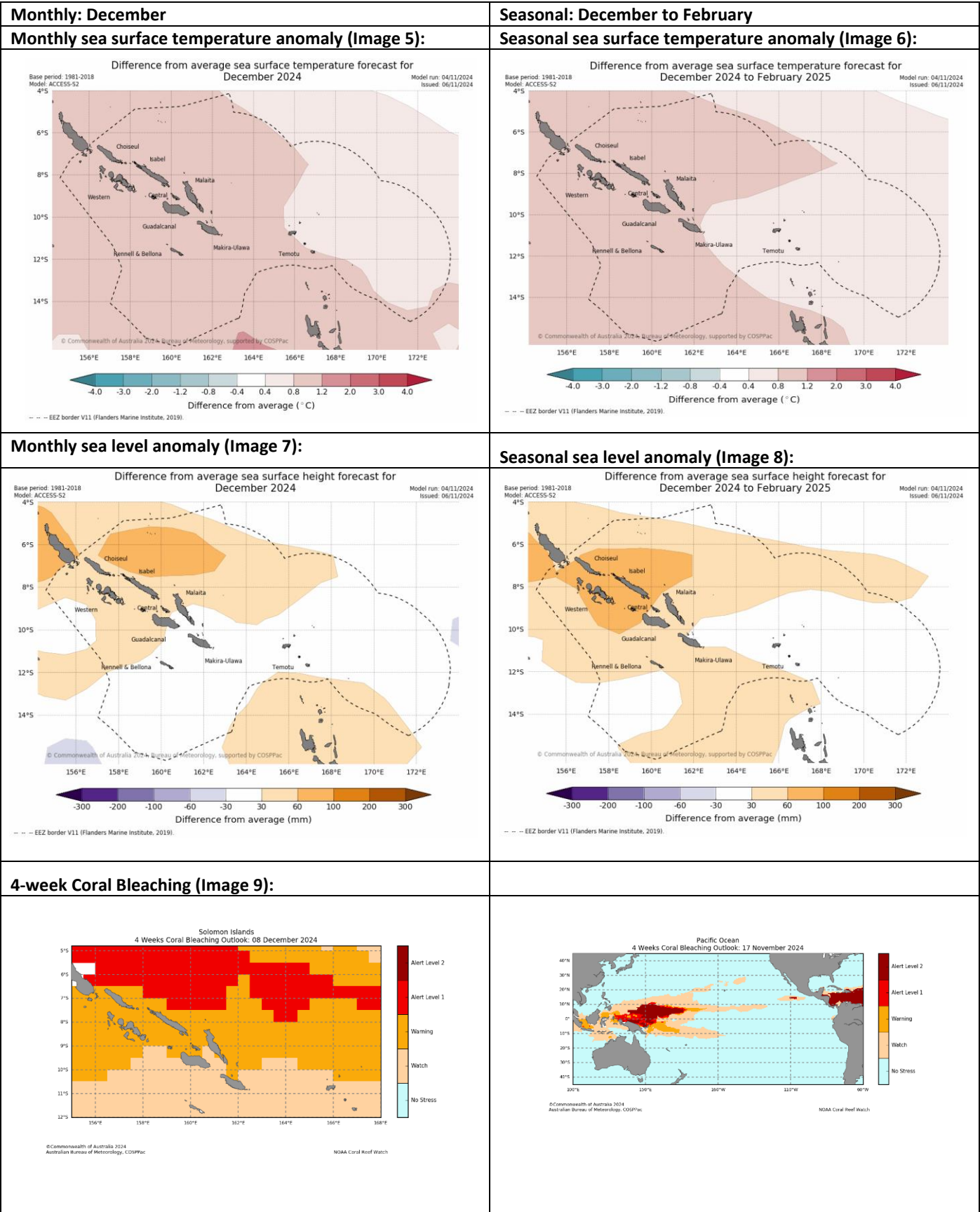


## Part 2: Recent Ocean Observation:

### Monthly/Three months: October 2024 and August to October 2024.

<u>Monthly: October 2024</u>	<u>Last three months: August to October 2024:</u>
<p><b>Sea Surface Temperature Anomaly (Image 1):</b></p>  <p>Solomon Islands Monthly Average Sea Surface Temperature Anomaly: October 2024</p> <p>©Commonwealth of Australia 2024 Australian Bureau of Meteorology, COSPPac</p> <p>Reynolds SST</p>	<p><b>Sea Surface Temperature Anomaly (Image 4):</b></p>  <p>Solomon Islands 3 monthly Average Sea Surface Temperature Anomaly: August 2024 to October 2024</p> <p>©Commonwealth of Australia 2024 Australian Bureau of Meteorology, COSPPac</p> <p>Reynolds SST</p>
<p><b>Sea level anomaly (Image 2):</b></p>  <p>Solomon Islands Monthly Near Real Time Sea Level Anomaly: October 2024</p> <p>©Commonwealth of Australia 2024 Australian Bureau of Meteorology, COSPPac</p> <p>AVISO SeaWiFS/Quicks SLA</p>	
<p><b>Daily coral bleaching alert (Image 3):</b></p>  <p>Solomon Islands Daily Coral Bleaching Alert: 03 November 2024</p> <p>©Commonwealth of Australia 2024 Australian Bureau of Meteorology, COSPPac</p> <p>NOAA Coral Reef Watch</p>	 <p>Pacific Ocean Daily Coral Bleaching Alert: 03 November 2024</p> <p>©Commonwealth of Australia 2024 Australian Bureau of Meteorology, COSPPac</p> <p>NOAA Coral Reef Watch</p>

# Part 2i. Monthly and Seasonal Outlooks for December and December to February 2025



## Summary Statement

### Monthly and last three months: October 2024/August to October 2024 statement

The rainfall for October was above-normal over Munda, Auki, and Henderson; near-normal for Taro, and Honiara; below-normal for Lata. For the past three months, rainfall was above-normal for Auki and Munda, near-normal rainfall recorded in Henderson; and below-normal for Kirakira, Honiara, Lata and Taro.

## Part 1i. Monthly and Seasonal Outlooks for December and December to February 2025

### Monthly /Seasonal rainfall and temperature Outlook statements

The rainfall for December and December 2024 to February 2025 is likely to be above-normal all over the country. Except for parts of main island of Makira, Guadalcanal and Choiseul in the far west which offers little guidance.

Maximum and minimum temperatures over December and average over December 2024 to February 2025 are likely to be above-normal for waters over Solomon Islands EEZ.

## Part 2: Recent Ocean summary statement

### Monthly and last three months: October 2024/August to October 2024

October 2024 and average over August 2024 to October 2024 sea surface temperatures (SSTs) around Solomon Islands were 0.5°C to 1.5°C above-normal.

October sea levels around Solomon Islands were utmost 150mm above-normal.

## Part 2i. Monthly and Seasonal Outlooks for December and December to February 2025

### Ocean Variable statement

December 2024 and averaged over December 2024 to February 2025, sea surface temperatures around Solomon Islands are predicted to be 0.4 to 1.2°C

December 2024 and averaged over December 2024 to February 2025, sea levels around Solomon Islands are predicted to be between –30 to 30mm near-normal and 60mm to 100mm above-normal.

The 4-week Coral Bleaching outlook indicates “Alert Level 1” for the northern part of the EEZ and “warning” for the remainder.

### **IN BRIEF for Teleconference**

- Rainfall was generally normal to above normal for October and below normal for August to October.
- The rainfall outlook generally indicates above -normal for December 2024 and December 2024 to February 2025.
- SSTs were above-normal for October and August to October. The outlook shows above-normal SSTs for the next one and three months.
- Sea levels were above-normal for October. The outlook shows near-normal to above-normal sea levels for December 2024 and December 2024 to February 2025.
- Coral Bleaching outlook is at “Alert Level 1” for the next 4 weeks.

**TABLE 3: Stakeholder Engagement- Evaluations of how effective NMS engage with stakeholders**

Product	Date: October 2024	Stakeholder	Total Number of Participants	Number of males	Number of females	Comments (If there are comments from you Stakeholders)
Climate Bulletin		Red Cross, NDMO, Ministry of Agriculture, SIBC, Hydrology, Solomon star, Paoa FM, World Vision, Glodridge Mining, Ministry of Mines and Energy, MEHRD, Forestry, Ministry of Health, Solomon Water, MECDM, Live and Learn, Tourism, Maritime Service, People with Disability, MID, Ministry of Fisheries, Sol Tuna Ltd, UN Women, Council of Women, Community Representatives	58	46	12	
EAR Watch		Red Cross, NDMO, Ministry of Agriculture, SIBC, Hydrology, Solomon star, Paoa FM, World Vision, Goodridge Mining, Ministry of Mines and Energy, MEHRD, Forestry, Ministry of Health, Solomon Water, MECDM, Live and Learn, Tourism, Maritime Service, People with Disability, MID, Ministry of Fisheries, UN Women, Council of Women	53	39	14	
Océan Bulletin		Red Cross, NDMO, Ministry of Agriculture, SIBC, Hydrology, Solomon star, Paoa FM, World Vision, Goodridge Mining, Ministry of Mines and Energy, MEHRD	14	9	5	
5 <sup>th</sup> National Climate Outlook Forum		NDMO, SIBC, Ministry of Agriculture, People with Disability, Solomon Power, Red Cross, Climate change Division, Environment and conservation, Solomon Islands Maritime Authority, World Vision, Oxfam, Ministry of Health and Medical Services, Solomon Island National University (marine),	40	30	10	

		SOLKAS and Royal Solomon Islands Police force (RSIPF)				
<b>Total</b>			<b>165</b>	<b>124</b>	<b>41</b>	