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# Fiji Climate Summary

## September 2014

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### 1.0 IN BRIEF

September was considerably drier than *normal* across the country.

The South Pacific Convergence Zone (SPCZ), remained weaker than *normal*, and since June, displaced to the north of Fiji.

At the end of September, the majority of observing sites (21 out of the 26) registered *well below average* to *below average* rainfall, for the fourth consecutive month, running.

Rain received in the last week of September brought brief relief to some parts of the country. However, this was not enough to reverse the effects of the long dry spell.

All the rainfall monitoring stations (26) in Fiji are currently under meteorological drought, on a three-month timescale, while twenty-three, on a six-month timescale.

The day-time air temperatures were *above normal* at the majority of the stations, with twenty, out of the twenty one temperature stations, recording anomalies  $\geq 0.5^{\circ}\text{C}$ .

The mean maximum air temperatures ranged from  $27.5^{\circ}\text{C}$  to  $31.9^{\circ}\text{C}$  in the coastal areas of Fiji, while Monasavu recorded  $24.5^{\circ}\text{C}$ . The highest daily day-time air temperature of  $34.9^{\circ}\text{C}$  was recorded at Nadi Airport on the 28<sup>th</sup>.

The night-time air temperatures were also above *normal* at most places, with 16 out of the 21 stations recording anomalies  $\geq 0.5^{\circ}\text{C}$ .

The mean minimum air temperatures ranged from  $18.6^{\circ}\text{C}$  to  $24.8^{\circ}\text{C}$  in the coastal areas, whilst at Monasavu, it was  $16.3^{\circ}\text{C}$ . The lowest daily night-time air temperature of  $11.3^{\circ}\text{C}$  was recorded at Monasavu on the 14<sup>th</sup>.

Though El Niño-Southern Oscillation (ENSO) conditions remain at neutral state, the development of an El Niño in the last quarter of 2014 is still possible.

The total monthly September rainfall recorded at Udu Point, Tokotoko, Penang Mill, Vatukoula and Dobuilevu ranked the lowest in these stations' historical record. New records for rainfall (5) and temperature (10) were established in September (Table 1).

### 2.0 WEATHER PATTERNS

September weather was influenced by slow-moving ridges of high pressure and weak frontal systems.

From the 1<sup>st</sup> to 7<sup>th</sup>, a ridge of high pressure extended over Fiji and directed an easterly wind flow over the group. Showers were mostly confined to the eastern parts of the larger islands. Later on the 7<sup>th</sup>, a frontal system moved onto Fiji from the southwest and continued east affecting only the southern parts of the country with brief showers.

On the 8<sup>th</sup>, a ridge extended onto Fiji maintaining an easterly wind flow over the group till the 10<sup>th</sup>. The ridge intensified on the 11<sup>th</sup> and was the predominant feature till the 25<sup>th</sup>. Brief showers were experienced over the eastern parts of Fiji. During this episode, Monasavu recorded the lowest monthly overnight minimum temperature of  $11.3^{\circ}$

$\text{C}$ , on the 14<sup>th</sup>.

From the 26<sup>th</sup> a trough developing to the west eventually moved onto the group, on the 29<sup>th</sup>, and lingered till the end of the month. Most parts of Fiji received rainfall during this period, with Koronivia receiving the highest of 62mm, on the 27<sup>th</sup>, which was also the highest rainfall for the month.

Rotuma's weather in September was influenced by the SPCZ and moist easterly winds. It recorded the lowest overnight temperature of  $20.6^{\circ}\text{C}$  on the 2<sup>nd</sup>.

\*Previously known as the Fiji Islands Weather Summary and Monthly Weather Summary

### 3.0 RAINFALL

Rainfall in September was considerably drier than *normal* with *below average* to *well below average* experienced across the country (Table 2 and Figures 1-5).

Of the twenty-six rainfall monitoring stations in the country, twenty-one received *well below average* rainfall and five *below average*.

For four straight months running, most of these sites registered *below average* to *well below average* rainfall.

Koronivia recorded the highest 24-hpur rainfall of 62.0mm on the 27<sup>th</sup>, followed by Nausori Airport with 57.5mm on the 27<sup>th</sup> and Monasavu with 47.0mm on the 30<sup>th</sup>.

Rain received in the last week of September, while most welcome, were not enough to reverse the current long dry spell in Fiji (Table 2).

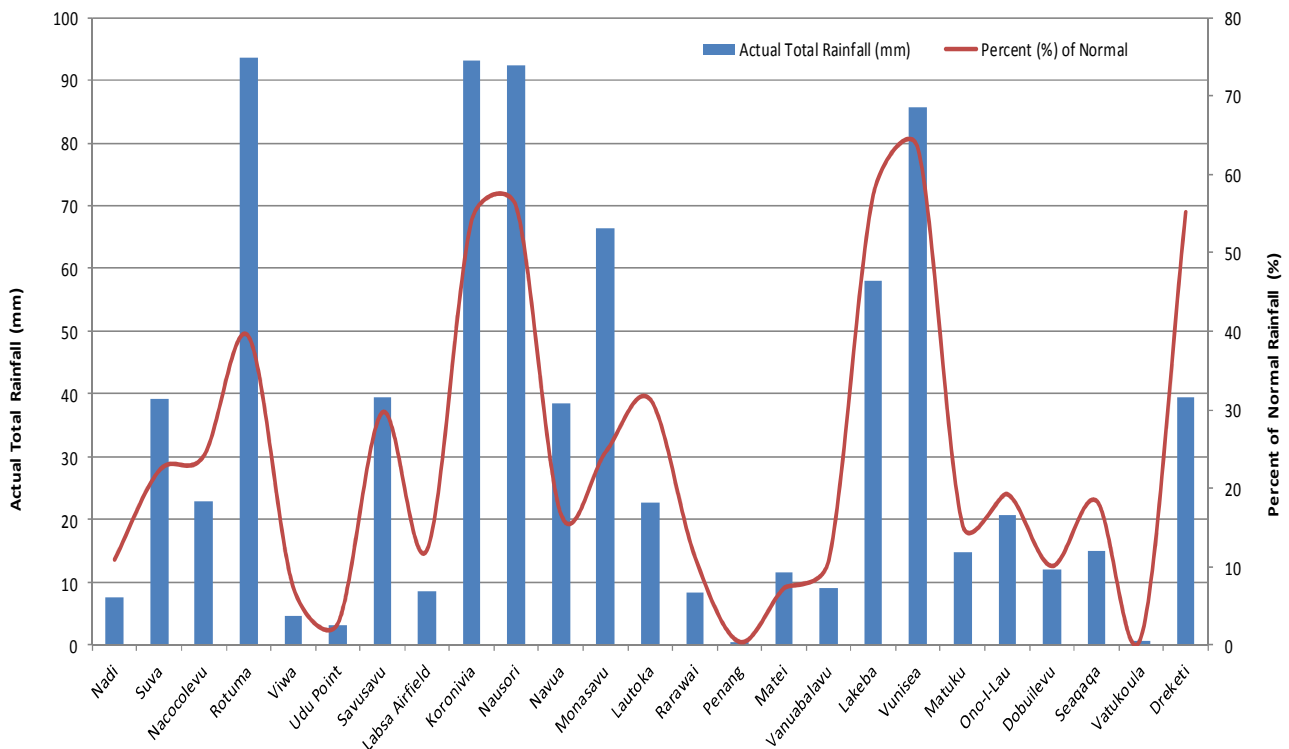
Udu Point, Tokotoko, Penang Mill, Vatukoula and Dobuilevu registered new lowest total monthly rainfall this month (Table 1).

Rotuma recorded the highest total monthly rainfall of 93.5mm, followed by Koronivia, 93.2mm, Nausori Airport, 92.4mm and Vunisea, 85.8mm. On the other hand, the lowest total monthly rainfall was recorded at Penang Mill with 0.4mm, followed by Vatukoula, 0.8mm, Udu Point, 3.1mm and Viwa, 4.7mm (Figure 1).

Rotuma recorded the highest number of rain days (rainfall  $\geq 0.1$ mm) with 16 days, followed by Ono-i-lau with 13 and Vunisea with 11. At the same time, Penang Mill, Yasawa-i-rara and Vatukoula record only 1 rain day, followed by Nacocolevu and Viwa with 2, and Nadi Airport, Lautoka Mill, Vanuabalavu and Labasa Airport with 3.

Figure 1

Rainfall Distribution in September 2014



**Normal:** Long term average from 1971 to 2000.  
**Well Below Average:** Rainfall less than 40% of normal.  
**Below Average:** Rainfall between 40 to 79%.  
**Rain Day:** Rainfall  $\geq 0.1$ mm.

**Average:** Rainfall between 80 to 119%.  
**Above Average:** Rainfall between 120 to 199%.  
**Well Above Average:** Rainfall greater than or equal to 200% of normal.

## 4.0 AIR TEMPERATURES

### A. Maximum Daytime Air Temperatures

The average maximum air temperatures were *above normal* at most places during the month, with twenty out of the twenty-one stations recording anomalies  $\geq 0.5^{\circ}\text{C}$  and 1 within  $\pm 0.5^{\circ}\text{C}$  (Table 2 & Figures 2-5).

The highest monthly average maximum air temperature was recorded at Labasa Airport with  $31.9^{\circ}\text{C}$ , followed by Rarawai Mill with  $31.7^{\circ}\text{C}$  and Viwa with  $30.8^{\circ}\text{C}$ . On the other hand, Monasavu registered the lowest with  $24.5^{\circ}\text{C}$ , followed by Matuku,  $27.5^{\circ}\text{C}$  and Ono-i-lau,  $27.7^{\circ}\text{C}$ .

The highest daily maximum air temperature was observed at Nadi Airport with  $34.9^{\circ}\text{C}$  on the 28<sup>th</sup>, followed by Savusavu Airfield with  $34.4^{\circ}\text{C}$  on the 29<sup>th</sup> and Rarawai Mill with  $33.5^{\circ}\text{C}$  on the 11<sup>th</sup>. In contrast, the lowest daily maximum temperature was registered at Monasavu with  $27.8^{\circ}\text{C}$  on the 21<sup>st</sup>, followed by Matuku with  $30.0^{\circ}\text{C}$  on the 29<sup>th</sup>.

Positive mean monthly maximum air temperature anomalies were recorded throughout the country, with the highest of  $+2.6^{\circ}\text{C}$  observed at Viwa, followed by  $+2.3^{\circ}\text{C}$  at Vunisea and Ono-i-lau.

Ten new maximum air temperature records were established during the month. New daily high temperature records were established at Nadi Airport, Savusavu Airfield, Tokotoko, Vunisea and Ono-i-lau, while new high mean monthly temperature records were set at Labasa Airport, Koronivia, Tokotoko, Monasavu and Vunisea (Table 1).

### B. Minimum Night-time Air Temperatures

The minimum air temperatures were also *above normal* at most of the locations, with 16 out of the 21 stations recording anomalies  $\geq 0.5^{\circ}\text{C}$ , 3 within  $\pm 0.5^{\circ}\text{C}$  and 2,  $\leq 0.5^{\circ}\text{C}$  (Table 2 & Figures 2-5).

The lowest monthly average minimum air temperature of  $16.3^{\circ}\text{C}$  was recorded at Monasavu, followed by Labasa Airport with  $18.6^{\circ}\text{C}$ . On the other hand, the highest average minimum temperature was registered at Rotuma with  $24.8^{\circ}\text{C}$ , followed by Udu Point,  $23.5^{\circ}\text{C}$ , and Vanuabalavu and Viwa,  $23.3^{\circ}\text{C}$ .

The lowest daily minimum air temperature was recorded at Monasavu with  $11.3^{\circ}\text{C}$  on the 14<sup>th</sup>, followed by Labasa Airport with  $16.0^{\circ}\text{C}$  on the 9<sup>th</sup> and Nausori Airport with  $16.4^{\circ}\text{C}$  on the 14<sup>th</sup>. On the other hand, the highest daily minimum temperature was observed at Rotuma with  $26.5^{\circ}\text{C}$  on the 2<sup>nd</sup>, followed by Viwa with  $26.1^{\circ}\text{C}$  on the 27<sup>th</sup>.

Several stations recorded mean monthly minimum temperature anomalies  $\geq 1.0^{\circ}\text{C}$ , with the highest of  $+2.4^{\circ}\text{C}$  recorded at Tokotoko, followed by  $+1.6^{\circ}\text{C}$  at Nadi Airport. On the other hand, Labasa Airport and Savusavu Airfield registered negative temperature anomalies of  $-0.7^{\circ}\text{C}$  and  $-0.6^{\circ}\text{C}$ , respectively.

No new minimum air temperature record was established during the month (Table 1).

**TABLE 1. CLIMATE RECORDS ESTABLISHED IN SEPTEMBER 2014**

<u>Element</u>	<u>Station</u>	<u>Observed (record)</u>	<u>On</u>	<u>Rank</u>	<u>Previous (record)</u>	<u>Year</u>	<u>Records Began</u>
Total Monthly Rainfall	Udu Point	3.1mm	-	New Low	4.2mm	1987	1946
Total Monthly Rainfall	Tokotoko	38.4mm	-	New Low	47.3mm	2003	1992
Total Monthly Rainfall	Penang Mill	0.4mm	-	New Low	1.0mm	1933	1910
Total Monthly Rainfall	Vatukoula	0.8mm	-	New Low	5.1mm	2003	1945
Total Monthly Rainfall	Dobuilevu	12.0mm	-	New Low	13.0mm	1937	1945
Daily Maximum Temp.	Nadi Airport	$34.9^{\circ}\text{C}$	28 <sup>th</sup>	New High	$34.6^{\circ}\text{C}$	1943	1942
Daily Maximum Temp.	Savusavu Airfield	$34.4^{\circ}\text{C}$	29 <sup>th</sup>	New High	$32.2^{\circ}\text{C}$	1960	1957
Daily Maximum Temp.	Tokotoko	$32.0^{\circ}\text{C}$	28 <sup>th</sup>	New High	$31.2^{\circ}\text{C}$	1992	1992
Daily Maximum Temp.	Vunisea	$31.7^{\circ}\text{C}$	28 <sup>th</sup>	New High	$31.6^{\circ}\text{C}$	1955	1947
Daily Maximum Temp.	Ono-i-Lau	$30.7^{\circ}\text{C}$	7 <sup>th</sup>	New High	$30.6^{\circ}\text{C}$	2007	1943
Mean Maximum Temp.	Labasa Airport	$31.9^{\circ}\text{C}$	-	New High	$31.8^{\circ}\text{C}$	2010	1956
Mean Maximum Temp.	Koronivia	$28.5^{\circ}\text{C}$	-	New High	$28.4^{\circ}\text{C}$	2010	1965
Mean Maximum Temp.	Tokotoko	$27.9^{\circ}\text{C}$	-	New High	$27.8^{\circ}\text{C}$	2007	1992
Mean Maximum Temp.	Monasavu	$24.5^{\circ}\text{C}$	-	New High	$23.4^{\circ}\text{C}$	1984	1980
Mean Maximum Temp.	Vunisea	$28.4^{\circ}\text{C}$	-	New High	$27.9^{\circ}\text{C}$	2007	1947

*Note: All comparisons in this summary are with respect to "Climatic Normals". This is defined to be the average climate condition over a 30-year period. Fiji uses 1971-2000 period as its "climatic normal" period, unless otherwise stated.*

**TABLE 2. DAILY CLIMATE REPORTING SITES: SUMMARY FOR SEPTEMBER 2014**

	RAINFALL					AIR TEMPERATURES								SUNSHINE	
	TOTAL	RAIN		MAX. FALL		AVERAGE DAILY				EXTREME				TOTAL	*
	MM	%	+	MM	ON	MAX. C	# C	MIN. C	# C	MAX. C	ON	MIN. C	ON	HRS	%
NADI AIRPORT	8	11	3	6	29	30.4	1.1	20.9	1.6	34.9	28	17.8	14	215	102
SUVA/LAUCALA BAY	39	22	9	14	27	28.3	1.1	21.9	0.9	32.1	29	19.9	14	192	141
NACOCOLEVU	23	24	2	17	29	29.5	1.6	19.5	1.1	33.0	28	17.0	30	185	107
ROTUMA	94	39	16	42	10	29.7	0.4	24.8	0.7	31.1	14	20.6	29	115	64
VIWA	5	7	2	5	29	30.8	2.6	23.3	0.6	32.7	22	21.0	15		
UDU POINT	3	3	7	1	7	29.5	0.9	23.5	1.0	31.8	29	22.1	14		
SAVUSAVU AIRFIELD	39	30	6	21	29	28.3	0.9	20.6	-0.6	34.4	29	18.5	5		
LABASA AIRFIELD	9	12	3	7	30	31.9	1.8	18.6	-0.7	33.5	19	16.0	9		
NABOUWALU	INSUFFICIENT DATA														
KORONIVIA	93	54	8	62	27	28.5	1.6	20.6	0.8	31.9	29	17.3	24		
NAUSORI AIRPORT	92	56	9	58	27	27.9	1.3	20.6	0.6	31.5	29	16.4	14		
NAVUA/TOKOTOKO	38	17	8	15	29	27.9	0.5	20.8	2.4	32.0	28	18.0	5		
MONASAVU	66	25	10	47	30	24.5	2.2	16.3	0.4	27.8	21	11.3	14		
LAUTOKA AES	23	31	3	16	29	30.0	1.3	21.7	1.0	33.2	13	18.9	14		
BA/RARAWAI MILL	8	11	4	4	28	31.7	1.3	19.5	1.3	33.5	11	16.5	1		
PENANG MILL	0	0	1	0	28	29.9	1.9	21.9	0.7	32.0	28	19.8	24		
MATEI AIRFIELD	12	7	7	7	30	28.7	1.2	21.9	0.1	30.5	29	19.9	16		
VANUABALAVU	9	11	3	8	30	27.9	0.6	23.3	1.0	30.5	29	22.2	14		
LAKEBA	58	57	6	35	29	27.8	0.9	21.4	0.0	30.8	29	17.5	16		
VUNISEA	86	63	11	40	30	28.4	2.3	21.0	1.2	31.7	28	18.7	19		
MATUKU	15	15	10	4	27	27.5	1.1	22.0	1.2	30.0	29	18.1	15		
ONO-I-LAU	21	19	13	6	13	27.7	2.3	21.1	0.7	30.7	7	19.5	15		
SEAQAQA	15	18	5	5	29										
DREKETI	40	55	4	21	30										
DOBUILEVU	12	10	8	4	13										
YASAWA-I-RARA	8	12	1	8	30										
VATUKOULA	1	1	1	1	28										

	TEMPERATURE ( C)	HUMIDITY	WIND	SUN	RAD		
	MEAN	DRY	WET	RH%	VP	KT	%OF MJ/ POS SQ.M
		(AVERAGE AT 9AM)					
NADI AIRPORT	25.6	26.8	21.9	64	22.5	6.8	62 22.4
SUVA/LAUCALA BAY	25.1	25.3	22.5	78	25.1		56 19.5\$
NACOCOLEVU	24.5	25.9	22.2	71	23.8		57 19\$
ROTUMA	27.2	27.8					
VIWA	27.1	27.9	24.1	72	27.0		
UDU POINT	26.5	27.1	23.4	72	25.9		
SAVUSAVU AIRFIELD	24.4	25.5	22.6	77	25.1		
LABASA AIRFIELD	25.3	28.2	24.5	73	27.9		
NABOUWALU	INSUFFICIENT DATA						
KORONIVIA	24.5	25.6	22.6	76			
NAUSORI AIRPORT	24.2	25.1	22.5	79	25.2	3.1	
NAVUA/TOKOTOKO	24.4	24.8	22.5	82	25.6		
MONASAVU	20.4	19.6	17.9	85	19.3		
LAUTOKA AES	25.8	27.3	22.8	67	24.2		
BA/RARAWAI MILL	25.6	27.7	22.3	62	22.8		
PENANG MILL	25.9	26.8	22.5	68	23.8		
MATEI AIRFIELD	25.3	26.3	23.0	74	25.5		
VANUABALAVU	25.6	26.1	22.8	74	25.1		
LAKEBA	24.6	25.8	22.4	73	24.4		
VUNISEA	24.7	25.3					
MATUKU	24.7	25.1	21.7	74	23.5		
ONO-I-LAU	24.4	24.9	21.4	72	22.8	8.6	

MEAN TEMPERATURE IS (MAX+MIN)/2; WIND IS MEAN SPEED AT 06,12,18,24HOURS; \$: SOLAR RADIATION CALCULATED FROM SUNSHINE DURATION; #: DEPARTURE FROM LONG-TERM AVERAGES (1971-2000); +: NUMBER OF DAYS WITH 0.1 MM OR MORE RAIN; \*: PERCENT OF LONG-TERM AVERAGES; U/S: UNSERVICEABLE; DATA MISSING ON ONE OR MORE DAYS.

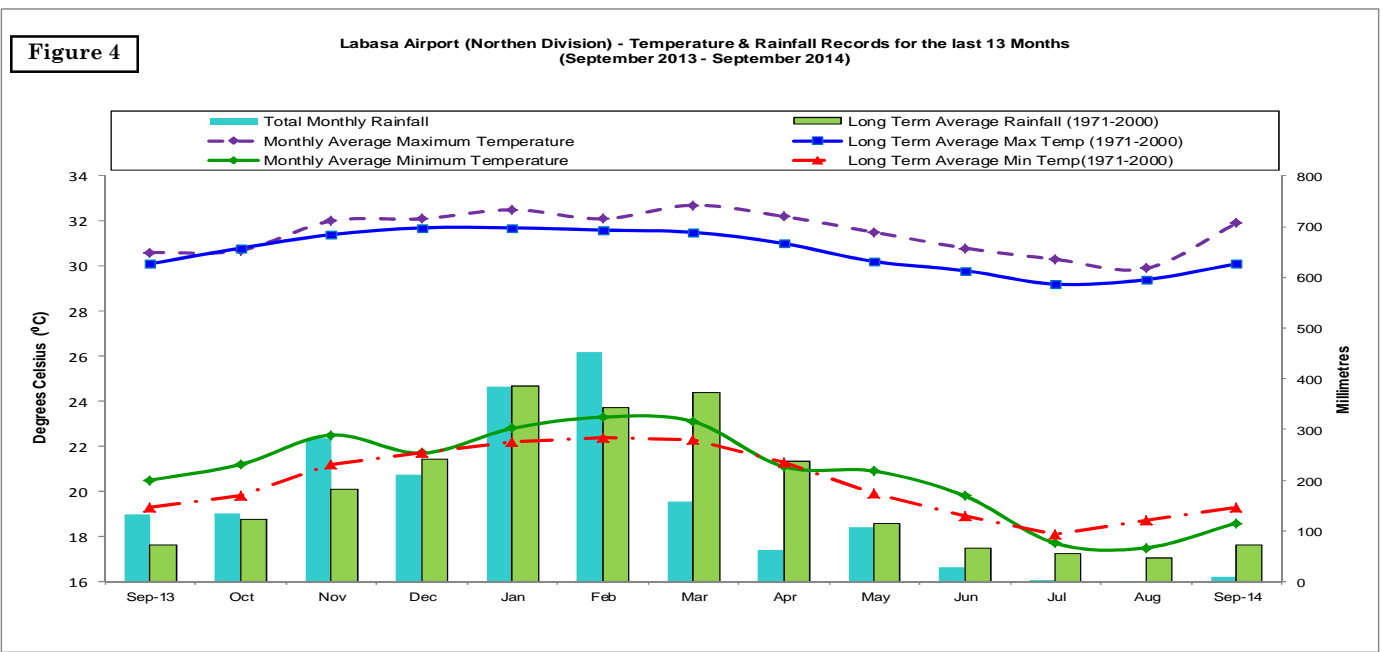
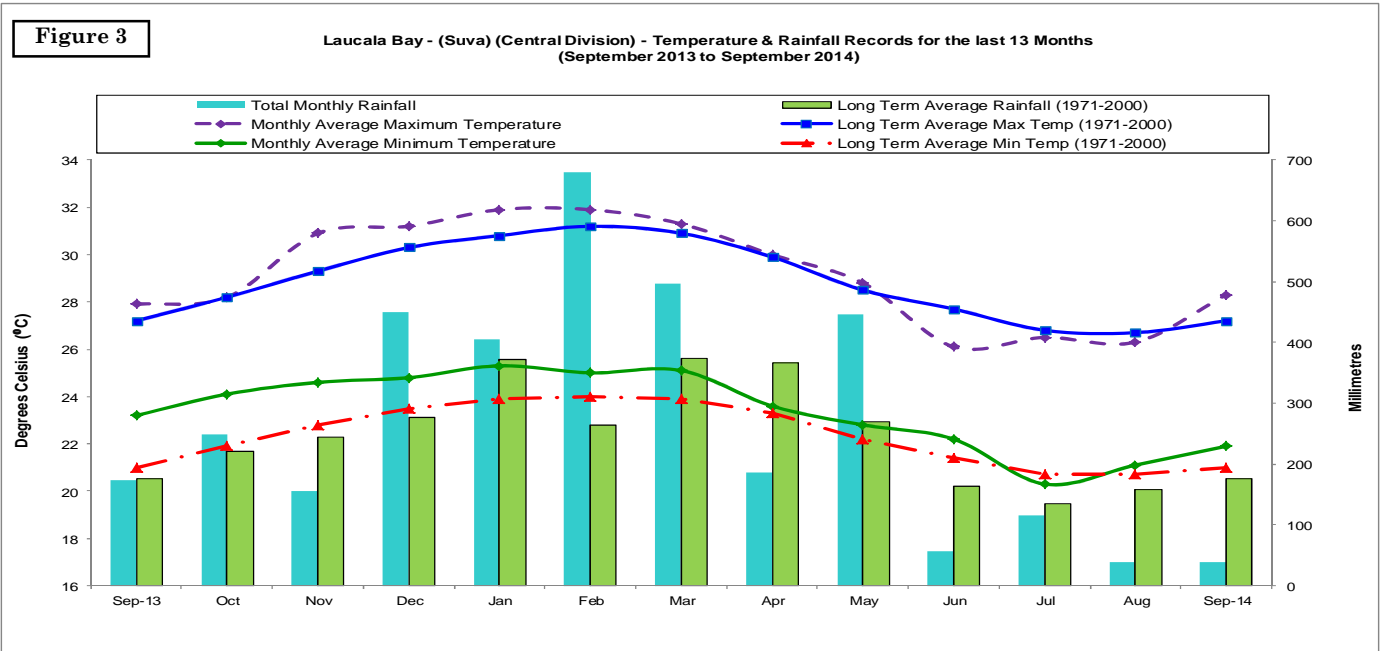
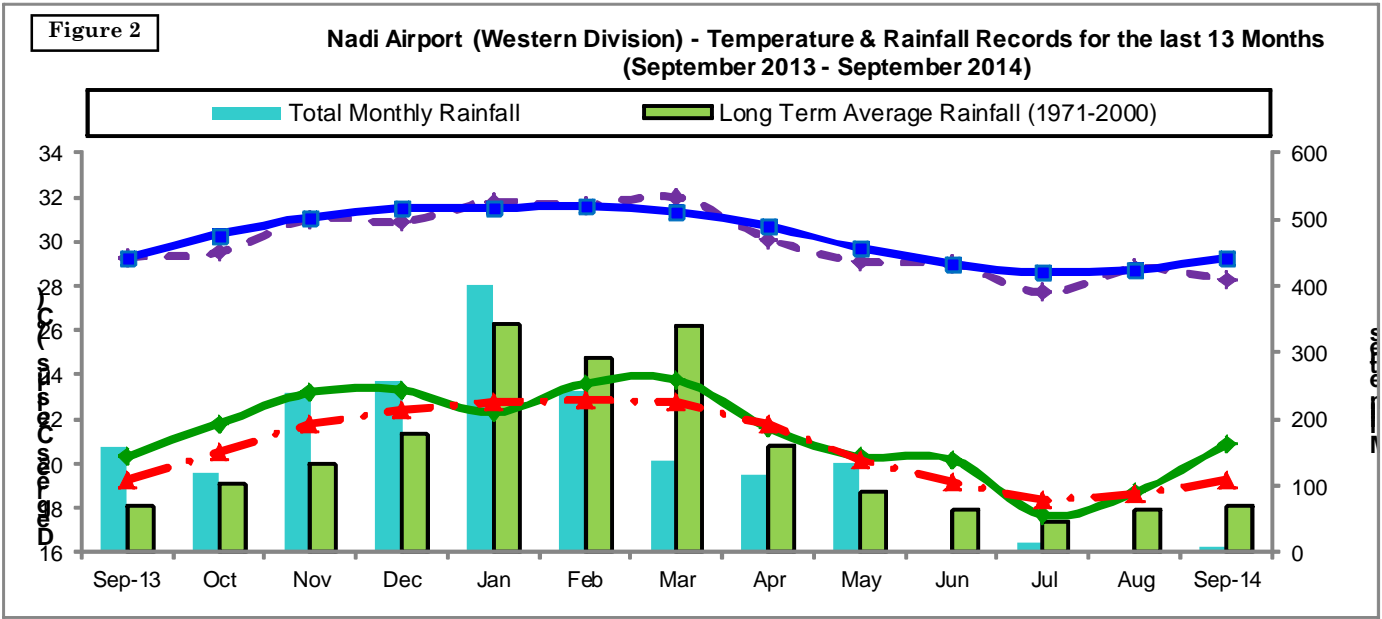
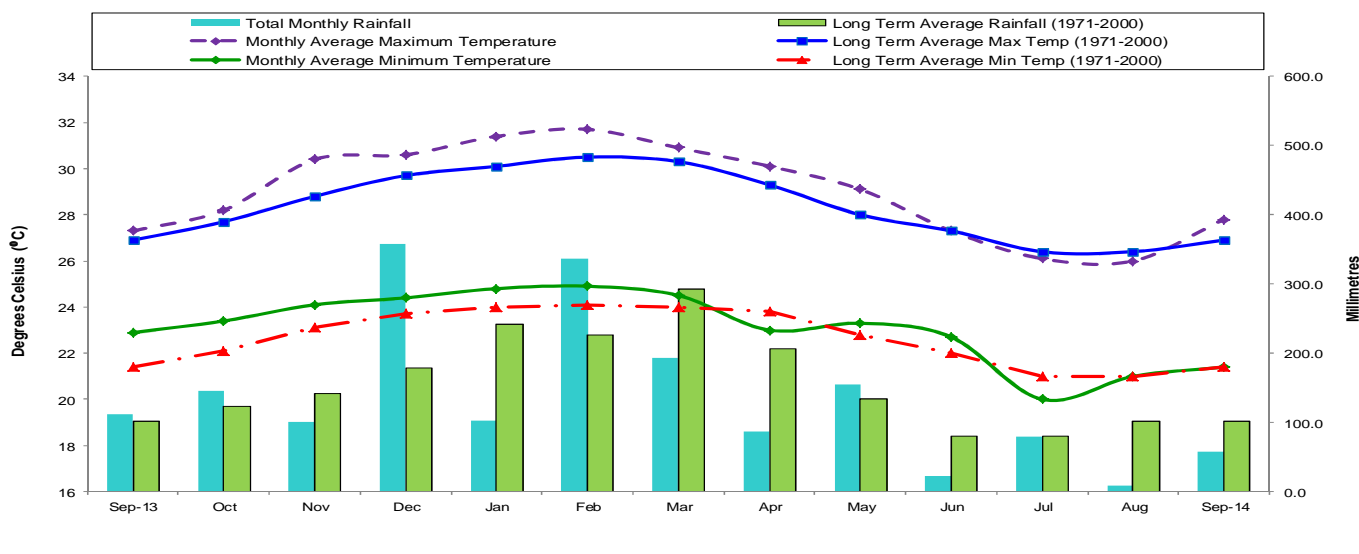


Figure 5

Lakeba (Eastern Division) - Temperature & Rainfall Records for the last 13 Months (September 2013 - September 2014)



### 5.0 RELATIVE HUMIDITY AT 0900HOURS

The 9am average relative humidity (RH) in September varied between 62% and 85% (Table 2); daily values ranged from 48% to 99%.

The stations in the Western Division recorded daily average RH values between 62% and 72%. Negative RH departures from the *normal* were recorded across the Division with the lowest of -12.9% at Penang Mill.

The Central Division stations recorded daily average RH between 76% and 82%. The majority of the stations recorded negative departures from the *normal*, with Koronivia, Tokotoko and Laucala Bay recording -2.6%, -2.0% and -0.8%, respectively. Nausori Airport was the lone station that recorded a positive anomaly (+0.1%).

The daily average RH in the Northern Division ranged from 72% to 77%. Negative departures were recorded at the majority of the stations, with the most significant departure of -3.6% observed at Matei Airfield.

The stations in the Eastern Division registered daily average RH between 72% to 74%. Vanuabalavu, Ono-i-lau and Lakeba recorded anomalies of -2.3%, -1.8% and -1.4%, respectively, while Matuku registered a positive anomaly of +0.6%.

The daily average RH at Monasavu was 85%.

Rotuma's analysis is not available due to missed observations.

### 6.0 SUNSHINE

Laucala Bay, Nadi Airport and Nacocolevu recorded 141%, 107% and 102% of the *normal* bright sunshine hours, respectively, during the month (Table 2).

Nadi Airport recorded 215.3 hours of bright sunshine, with a mean of 7.2 hours/day. More than 10 hours of bright sunshine was recorded on a number of days, with the highest of 11.0 hours registered on the 28<sup>th</sup>. On the other hand, the 10<sup>th</sup> was an overcast day with only 0.4 hours of bright sunshine recorded.

Laucala Bay recorded 192.2 hours of bright sunshine during the month, with a mean of 6.4 hours/day. Its highest daily sunshine of 10.4 hours was recorded on the 5<sup>th</sup>, while the 10<sup>th</sup>, an overcast day, zero hours of bright sunshine was recorded.

Nacocolevu recorded 184.8 hours of bright sunshine, with a mean of 6.6 hours/day. The station's longest duration of bright sunshine of 10.0 hours was recorded on the 30<sup>th</sup>, followed by 9.8 hours on the 23<sup>rd</sup>. In contrast, overcast conditions prevailed on the 30<sup>th</sup> with no bright sunshine hours recorded.

Rotuma's analysis is not available due to missed observations.

## 7.0 WIND SUMMARY

The 10-minute average wind statistics recorded at three hourly intervals at Nadi Airport in September showed that south-easterly winds were dominant, accounting for 22.1% of the total observations, followed by easterlies with 18.8% and westerlies, 17.9% (Figure 6(a)). Calm conditions were recorded on 11.7% of the occasions. The 10-minute average wind speeds were generally light to moderate in strength, however, strong breeze of up to 22 knots was recorded on the 20<sup>th</sup> (Figure 6(b)). The three-hourly mean wind speed at the station was 6.4 knots.

At Nausori Airport, calm conditions were observed on more than half of the occasions, accounting for 55.0% of the total three-hourly observations. Easterly winds were otherwise dominant accounting for 22.9% of the observations, followed by south-easterlies with 9.6%. The 10-

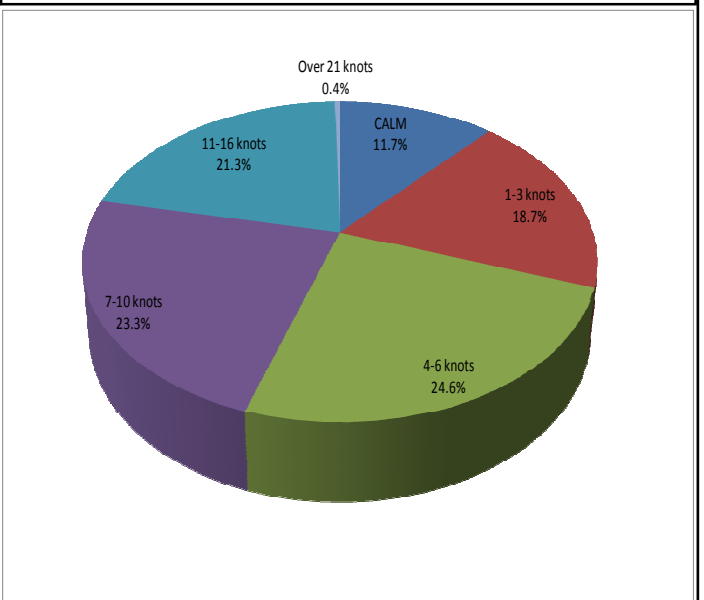
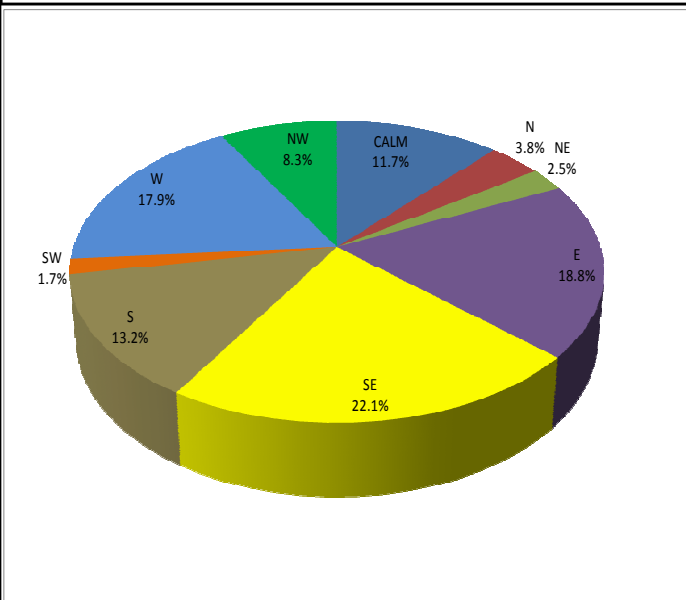
minute average wind speeds were light to moderate in strength (Figure 7(b)). The three-hourly mean wind speed at Nausori Airport was 3.2 knots.

The wind anomalies map on the NOAA website shows weak north-westerly wind anomalies of 0-1m/s (near average) persisted in the Fiji region during the month (Figure 13).

*light breeze: 1-3 knots, slight breeze: 4-6 knots, gentle breeze: 7-10 knots, moderate breeze: 11-16 knots, fresh breeze: 17-21 knots, strong breeze: 22-27 knots, near gale: 28-33 knots; gale: 34-40 knots*

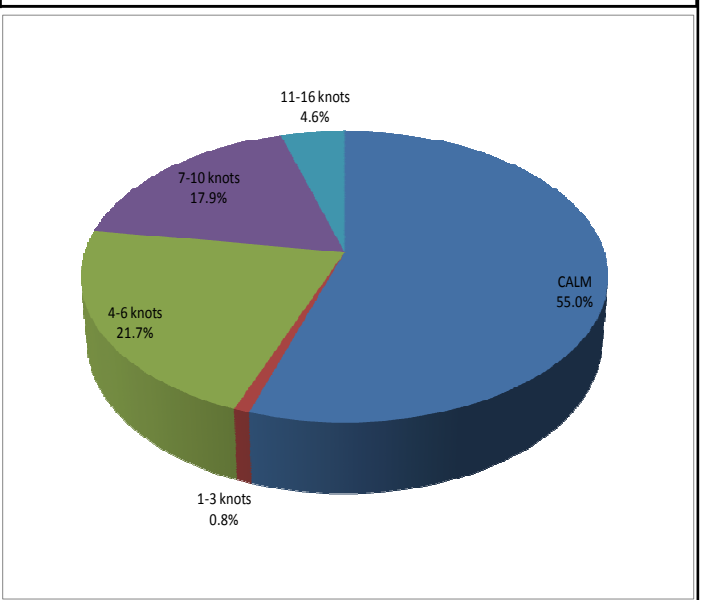
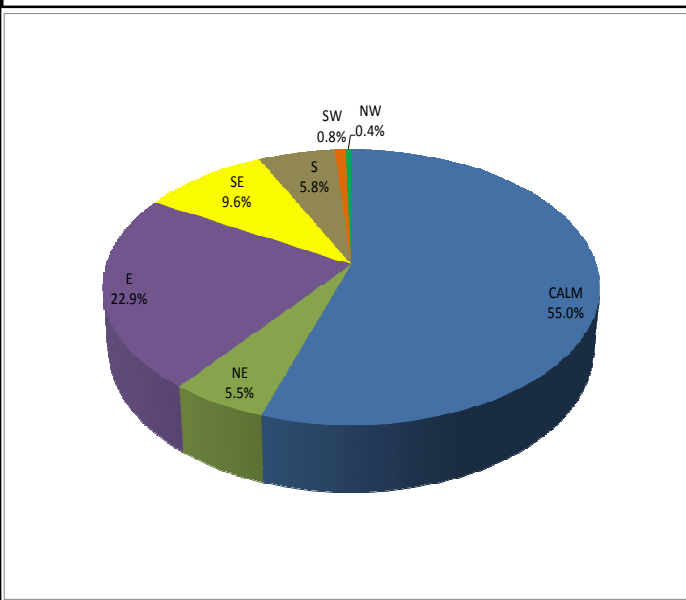
**Figure 6(a) Surface Wind Direction for Nadi Airport, Fiji. (WMO 91680 Lat 17°45'35"South Long 177°26'42"East Height above MSL 22m)**

**Figure 6(b) Surface Wind Speed for Nadi Airport, Fiji. (WMO 91680 Lat 17°45'35"South Long 177°26'42"East Height above MSL 22m)**



**Figure 7(a) Surface Wind Direction for Nausori Airport, Fiji. (WMO 91683 Lat 18°02'47"South Long 178°33'33"East Height above MSL 3m)**

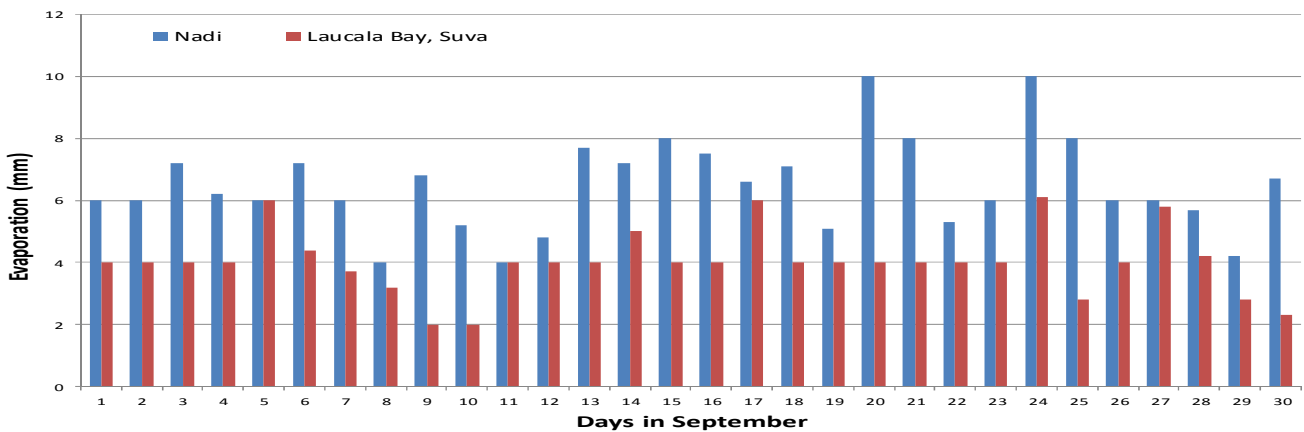
**Figure 7(b) Surface Wind Speed for Nausori Airport, Fiji. (WMO 91683 Lat 18°02'47"South Long 178°33'33"East Height above MSL 3m)**



## 8.0 EVAPORATION

Figure 8

Daily Evaporation for September 2014



The total monthly raised pan evaporation at Nadi Airport was 194.5mm, while Laucala Bay recorded 120.3mm. Nadi Airport's highest daily evaporation was 10.0mm on the 20<sup>th</sup> and 24<sup>th</sup>, with Laucala Bay recording the highest of 6.1mm on the 24<sup>th</sup>.

## 9.0 RADIATION

Mean Hourly Radiation at Nadi Airport during September 2014

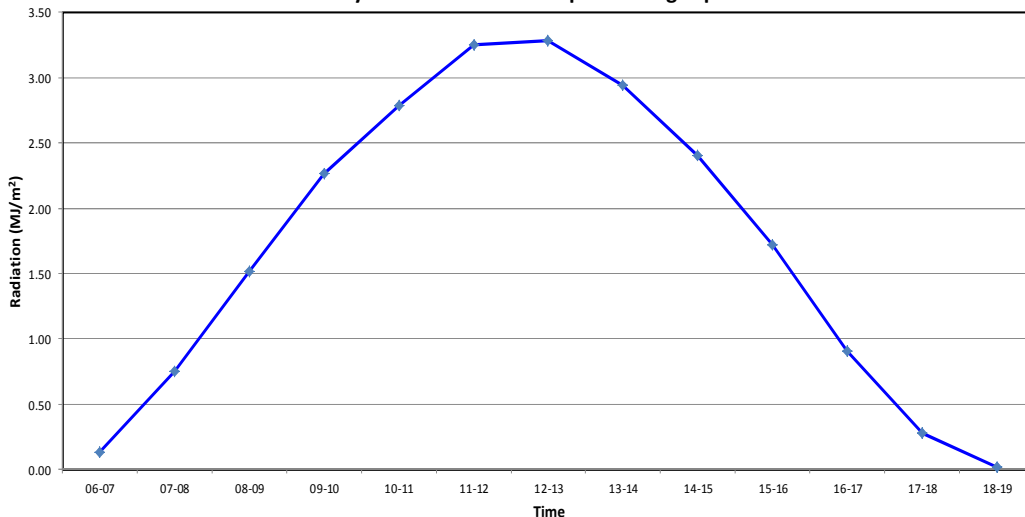


Figure 9:

The mean daily solar radiation at Nadi Airport during September 2014 was 22.4MJm<sup>2</sup>, while the *normal* during September is 19.1MJm<sup>2</sup>.

## 10.0 SEA SURFACE TEMPERATURE (SST)

Monthly SST Anomaly

2014/08/31 - 2014/09/27

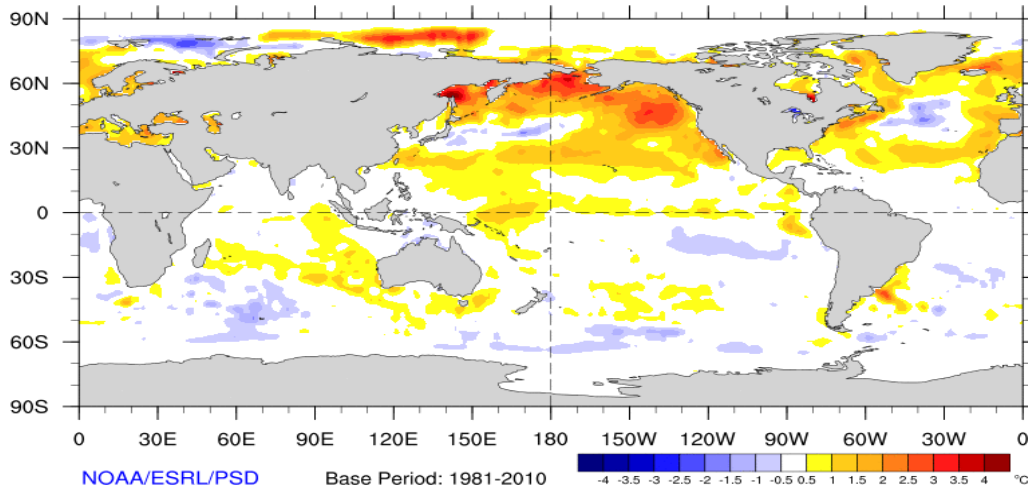


Figure 10:

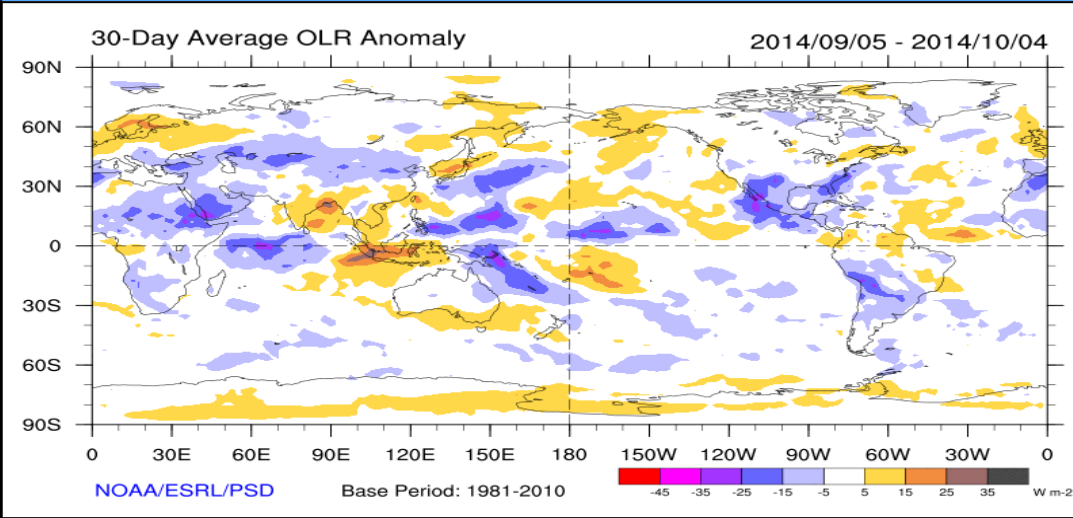
SST anomalies (°C) from 31<sup>st</sup> August to 27<sup>th</sup> September, 2014.

SST was near normal in the Fiji region (Fiji: ~17°S, 180°), (base period: 1981-2010).

<http://www.esrl.noaa.gov/psd/map/clim/sst.shtml>



**CLOUD COVER**

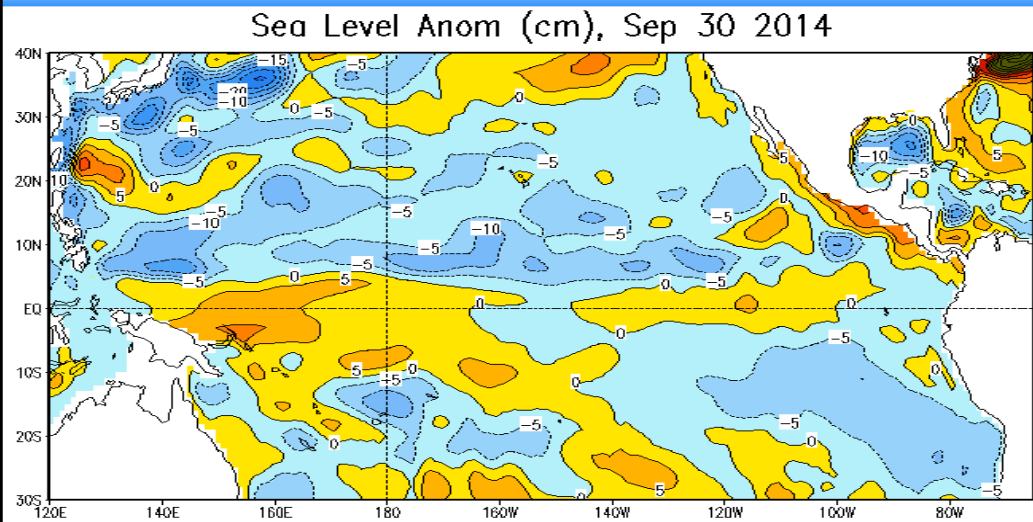


**Figure 11:**

Outgoing Longwave anomalies ( $Wm^{-2}$ ) from 5<sup>th</sup> September to 4<sup>th</sup> October, 2014. The map shows *normal to below normal* cloud cover in the Fiji region (Fiji: ~17°S, 180°) (base period: 1981-2010).

<http://www.esrl.noaa.gov/psd/map/clim/olr.shtml>

**SEA LEVEL**

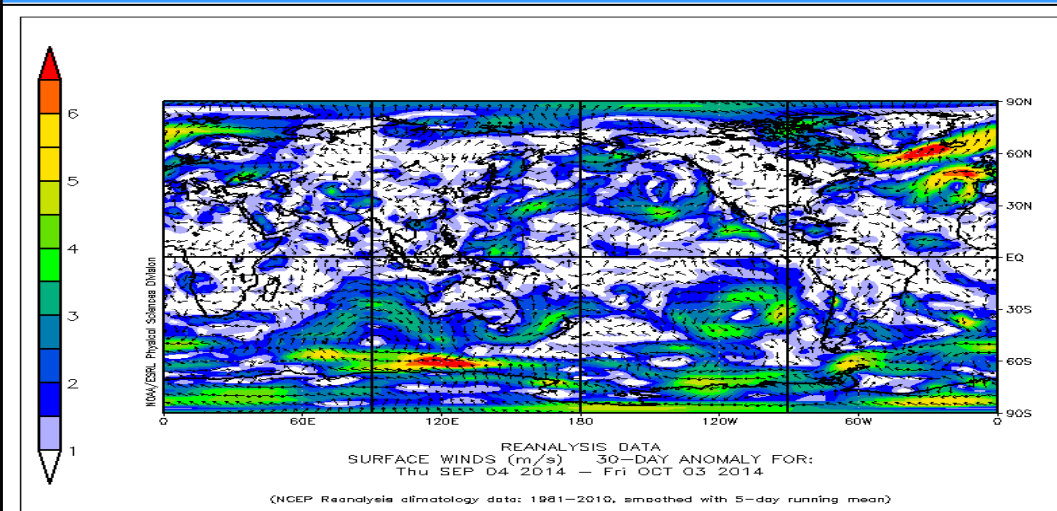


**Figure 12:**

Negative sea level anomalies of -5 to -10cm persisted in the northern Fiji region while normal sea levels in the southern region.

[http://www.cpc.ncep.noaa.gov/products/analysis\\_monitoring/ocean/weeklyenso\\_clim\\_81-10/wksl\\_anm.gif](http://www.cpc.ncep.noaa.gov/products/analysis_monitoring/ocean/weeklyenso_clim_81-10/wksl_anm.gif)

**WIND ANOMALIES**



**Figure 13:**

Wind anomalies for September 2014.

Weak north-westerly wind anomalies of 0-1m/s persisted in the Fiji region (Fiji: ~17°S, 180°) during the past 30 days (base period: 1981-2010).

[http://www.esrl.noaa.gov/psd/map/images/rnl/sfcwnd\\_30a.rml.gif](http://www.esrl.noaa.gov/psd/map/images/rnl/sfcwnd_30a.rml.gif)

This Summary is prepared as soon as ENSO, climate and oceanographic data is received from recording stations around Fiji and Meteorological Agencies around the World. Delays in data collection, communication and processing occasionally arise. While every effort is made to verify observational data, the Fiji Meteorological Service does not guarantee the accuracy and reliability of the analyses presented, and accepts no liability for any losses incurred through the use of this information and its contents. The information may be freely disseminated provided the source is acknowledged.

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