



SIGNIFICANT WEATHER – December 2007

SUMMARY

Tropical cyclone *Melanie* developed near Indonesia's Sumba Island but remained well off the Western Australian coast.

Severe Thunderstorms occurred in all states. There was much damage to crops and property due to strong winds, lightning, flash flooding and hail. In New South Wales one person was killed by lightning. Tornadoes were reported in New South Wales, Victoria and Western Australia. Flooding from a trough line and associated heavy rainfall through the central west during late November through to mid December saw minor to moderate rises across many western Queensland rivers.

TROPICAL CYCLONES

Western Australia

A developing low formed near Indonesia's Sumba Island on the 27th and moved southwards. The low reached tropical cyclone intensity and was named *Melanie* on the 28th and continued to move southward toward the Western Australian Pilbara coast. On the morning of the 29th *Melanie* began to move in a south westerly direction, parallel with and approximately 400 kilometres from the Pilbara coast. Tropical cyclone *Melanie* continued on a south westerly track parallel to the Pilbara coast maintaining at category 2 intensity, but weakened to category 1 on the 31st approximately 400 kilometres northwest of Exmouth.

Melanie was eventually downgraded to a tropical low on the 2nd of January 2008 when it was located about 600 kilometres west of Exmouth. *Melanie* remained far enough offshore to not to have any direct impact on the Western Australian coast, however there was a significant economic impact to industry resulting from production shut downs and evacuations from offshore installations.

DEEP LOW

Queensland

During the last week of December a deep slow moving low formed off the Queensland southeast coast and drove strong winds, locally heavy rainfall and large seas across the area. Christmas campers were moved away from the east coast of Fraser

Island and many southeast coast beaches were closed to swimmers. The beaches also suffered extensive erosion.

THUNDERSTORMS/TORNADOES

Queensland

Activity that originally formed during 30th November in the Central Coast and Whitsundays district continued into the morning of the 1st. Wind gusts to 105 km/h were recorded at Proserpine Airport, while a wind gust of 100 km/h was recorded at Hamilton Island. Later that day, activity redeveloped further north in the Herbert and Lower Burdekin district, producing minor wind damage.

Mission Beach (near Innisfail) reported 1.5cm hail on the 3rd. The focus of the severe weather moved north and west into the North West district and western Northern Goldfields, Upper Flinders and also about the North Tropical Coast. At Mt Isa a 94 km/h wind gust was recorded. One house sustained wind damage when some roofing iron was torn off. Wind gusts to 104 km/h were recorded at Cloncurry, while wind gusts to 96 km/h were recorded at The Monument.

On the North Tropical Coast, thunderstorms brought very heavy rain. At Nerada, 49mm was recorded in 20 minutes, with 69mm in 30 minutes and 100mm in 60 minutes.

On the 4th a severe thunderstorm was reported approximately 10 kilometres north of Emerald. Very strong winds were produced by the storm, destroying sheds on a property in the area. Large trees were blown over and heavy farm machinery was shifted. Gutters and awnings were ripped off a house. The thunderstorm was accompanied by golf ball sized hail, which, combined with the strong winds, damaged cars parked on the property and caused holes in the external walls of the house. A clear path was cut through vegetation approximately 500 metres wide and 10 kilometres long.

On the 5th a severe mid-morning thunderstorm in Stanthorpe produced flash flooding in parts of the town.

On the 9th a severe thunderstorm in Mt Isa produced very heavy rain in the Breakfast Creek area just to the east of the town. Rainfall totals from this area indicated falls of 70mm in an hour. All river crossings in the city area were closed by flooding immediately after the thunderstorm as a result of rapid rises in the

Leichhardt River. Strong winds accompanied the thunderstorm, with a 91 km/h wind gust recorded.

On the 10th a slow moving thunderstorm in the Nanango area produced 66mm of rain in 30 minutes. Some minor wind damage was also reported, with branches up to 20cm in diameter felled.

On the 12th thunderstorms in the south east of the state dumped very heavy rainfall in and around south western Brisbane. At Wacol, 29mm was recorded in 10 minutes and 52mm in 20 minutes. Flash flooding cut roads and necessitated flood warnings on the Upper Logan River and Teviot Brook.

On the 13th severe thunderstorms were once again present in the north west of the state, with Cloncurry reporting a wind gust of 93 km/h.

Severe thunderstorm activity developed during the afternoon of the 17th and persisted into the morning of the 18th in the north west of the state. Wind gusts to 93 km/h were recorded at Camooweal.

On the 19th more severe thunderstorm activity was reported in the north west of the state. At Mt Isa, trees were blown over while others had branches ripped off them. A large swimming pool shell was picked up and hurled 150 metres landing upside down on a neighbouring property. A donga on the same site, which was sitting on small stilts, was blown off its supports.

On the 20th severe thunderstorms formed along an inland trough. At St George, 34mm of rain was recorded in 30 minutes and 63mm in 60 minutes.

On the 24th persistent thunderstorms west of the ranges in the Northern Goldfields and Upper Flinders, northern Central Highlands and the north western Central Coast district produced very heavy rainfalls. At Weetalaba, approximately 50 kilometres south of Collinsville, 80mm was recorded in 2 hours.

On the 26th there was widespread thunderstorm activity about the northern tropics, especially Cape York Peninsula. A number of sites on the North Tropical Coast reported very heavy rainfall. These included:

McAvoy Bridge (Innisfail): 56mm in 30 minutes, 83mm in 60 minutes and 129mm in 2 hours.

Bulgun Creek (near Tully): 102mm in 60 minutes and 149mm in 2 hours.

Jarra Creek (near Tully): 99mm in 60 minutes and 154mm in 2 hours.

Mourilyan Mill: 56mm in 30 minutes, 94mm in 60 minutes and 125mm in 2 hours.

Marco Street (South Johnstone): 86mm in 60 minutes and 116mm in 2 hours.

Central Mill (South Johnstone): 91mm in 60 minutes and 156mm in 2 hours.

New South Wales

On the 1st at Dubbo (Central West Slopes) a thunderstorm with heavy rain caused flash flooding; up to 45mm of rain was produced in 90 minutes. At Cobar (Upper Western) a thunderstorm with heavy rain and local flash flooding was reported.

On the 2nd at Walcha (Northern Tablelands) a thunderstorm with heavy rain produced 40mm in 60 minutes. At Inverell (Northern Tablelands) a thunderstorm with very heavy rain produced 63mm in 45 minutes resulting in local flash flooding.

On the 3rd at Canowindra (Central Tablelands) a thunderstorm with 34mm of very heavy rain and localised flash flooding was reported. A thunderstorm with heavy rain and strong winds was reported 10 kilometres south of Berrigan (Riverina); Large trees were snapped off or uprooted. At Sydney Olympic Park (Metropolitan) a thunderstorm with heavy rain and marble size hail produced 14mm of rain in 8 minutes. At Wallis Lake (Mid North Coast) heavy rain (38mm in 30 minutes) was recorded. At Krumbach (Mid North Coast) a thunderstorm and hail up to 2cm in size was reported with heavy rain and flash flooding. At Newcastle University (Hunter) hail up to 2.3cm was produced during a thunderstorm. At Clarence Town (Hunter) 54mm of rain from a thunderstorm was recorded in less than 1 hour causing flash flooding. Hail about 4cm in diameter was also reported. At Nowra (Illawarra) a thunderstorm produced 2cm hail. At Canyonleigh (Illawarra) 90mm of heavy rain from two thunderstorms caused flash flooding.

On the 4th at Normanhurst (Metropolitan) hail up to 2cm was reported during a thunderstorm. At North Turrumurra (Metropolitan) a thunderstorm with 2cm hail occurred. At Taylors Arm (Mid North Coast) a thunderstorm with heavy rain, 37mm in 30 minutes, was recorded. At Budgewoi (Hunter) a thunderstorm with hail 2.5cm in diameter was reported. At Brooklyn (Hunter) a thunderstorm with very heavy rain of 104mm caused flash flooding. At Terrigal (Hunter) a woman was killed after she was struck by lightning.

On the 5th at Sydney (Metropolitan) a thunderstorm with heavy rain caused flash flooding in Lewisham, Gladesville and Homebush. Up to 35mm of rain in 1 hour was reported at North Rocks. At Manildra (Central West Slopes) a thunderstorm with small hail and heavy rain caused local flash flooding.

On the 6th a thunderstorm with heavy rain and flash flooding in the Sydney suburb of Liverpool and Strathfield. Up to 35mm of rain was recorded in 1 hour at North Rocks. Liverpool recorded 48mm in 1 hour and a total of 109mm was recorded at Concord. At Mumbil, southwest of Wellington (Central Tablelands) there was a newspaper report of 112mm of rain in 90 minutes during a thunderstorm, there were piles of small hail on the sides of roads which were flooded.

On the 7th at Parkville near Scone (Hunter) 30mm was recorded in 20 minutes from a thunderstorm.

On the 9th in the northwest suburbs of Sydney a severe thunderstorm with strong winds and hail up to 7cm in size caused widespread damage to motor vehicles, houses and gardens. Trees were uprooted, the trail of damage stretched from Blacktown to Wahroonga and hail covered the ground. There was a report of 11cm in diameter hail at Cherrybrook with huge hail drifts. About 20,000 homes lost power. The total damage bill was estimated at around \$200 million dollars. On the Central Coast (Hunter) a thunderstorm with very heavy rain and strong winds was reported. Wind gusts reached 85 km/h at Mangrove Mountain. At Terrigal 36mm of rain and 30mm at Newcastle was recorded in 30 minutes. At Mount Seaview (Mid North Coast) there were thunderstorms all day with heavy rain up to 81mm from 9am to 8pm. There was local flooding with a nearby bridge underwater.

On the 10th at Elsmore (Northern Tablelands) thunderstorms with very heavy rain (40mm in 1 hour) with totals to 9am on 11th of 67mm at Elsmore Bridge were recorded.

On the 12th at Sydney (Metropolitan) heavy overnight showers in coastal suburbs caused brief flooding of Audley Weir in Sydney's south.

On the 16th at Kendall (Mid North Coast) very heavy rain (55mm in 90 minutes) was recorded.

On the 20th at Hay (Riverina) a thunderstorm with hail 1.5cm in diameter and heavy rain caused local flash flooding. At Deniliquin (Riverina) a thunderstorm with very strong winds up to 109 km/h, large hail and flash flooding was also reported. The hail damaged skylights on buildings.

On the 21st at Broken Hill (Lower Western) there was major damage to the public hospital with the roof completely lifted off. Skylights and windows were broken with wind gusts up to 127 km/h.

On the 22nd at Coonamble (Central West Plains) thunderstorms and continuous heavy rain caused flooding in the Coonamble township and moderate river rises in the Castlereagh and Bogan Rivers. Floodwaters cut off many communities and isolated rural homes, flattening hundreds of kilometres of fencing, causing millions of dollars worth of damage. At Coonamble 171mm of rain was recorded in 24 hours. This was the wettest day on record for any month exceeding the previous record of 113mm set in 1978.

On the 27th at Falconbridge (Central Tablelands), a thunderstorm with very heavy rain, 20mm in 10 minutes occurred. At Dubbo (Central West Slopes) a storm spotter reported a tornado 20 kilometres south of Dubbo on the Newell Highway.

Victoria

On the 3rd severe thunderstorms in Melbourne suburbs produced flash flooding and large hail. There were reports of flooded houses in Boronia and Bayswater.

On the 20th thunderstorms developed over most districts of Victoria. Two trams were hit by lightning as heavy storms were produced across Melbourne. Thunderstorms that impacted on the south eastern suburbs of Melbourne produced intense rainfall that was a 1 in 50 year event. One location in the north central district received 95mm of rain in thunderstorms. A tornado was sighted near Ballarat. Large golf ball sized hail was also reported near Ballarat and at Lancefield.

On the 21st/22nd the combination of an intense upper system and tropical airflow and a surface low produced widespread rain and strong winds across the state with rainfall totals over the two days exceeding 100mm at many locations causing flash flooding and wind damage.

Tasmania

Thunderstorms and heavy rain on the 3rd caused a series of incidents, including a forced helicopter landing on Howrah beach, a series of car accidents, power cuts and water entering buildings. There were several lightning strikes onto houses near Penguin, resulting in damage to electrical equipment and some reports of electric shocks.

South Australia

A thunderstorm on the 19th resulted in major damage to two houses in the township of Pinnaroo, as well as extensive tree damage and minor property damage in and around the township.

Western Australia

On the 11th Boolardy station in the Murchison district suffered damage during a severe thunderstorm. Large hail, heavy rain (44mm in 30 minutes) and strong winds occurred. Outbuildings and sheds were damaged with many trees knocked down. About 1,000 goats were killed.

On the 16th a tornado 300 metres in width was observed near Maya, north of Dalwallinu. The tornado travelled for a distance of 4 kilometres in about 15 minutes. Thunderstorm activity through the Central Wheat belt produced heavy rainfall and many centres recorded their highest daily December totals. Nambung Station recorded 112mm in the 24 hours to 9am on the 17th. Other heavy falls included Kokardine 102.6mm, Wongan Hills RS 62mm and Ballidu 61.5mm. Around 90mm of rain also fell at Moora. Dust storms and golf ball sized hail were recorded near Morowa.

On the 17th severe thunderstorms were observed on the Esperance radar in the southern Goldfields and Southeast Coastal Districts. Norseman Airport recorded 16.4mm in 10 minutes.

Northern Territory

A large-scale squall-line affected Darwin and the rural area on the morning of the 6th. Wind gusts of 93m/h were recorded at Noonamah and 87 km/h was measured at Darwin with reports of damage to fencing and shade-cloth.

A super-cellular thunderstorm produced a 93 km/h wind gust at Yulara on the 7th.

WIND

Queensland

Winds greater than 90 km/h were reported on:

- 01st Proserpine Airport 105 km/h,
Hamilton Island 100 km/h
- 03rd Mt Isa 94 km/h,
Cloncurry 104 km/h,
The Monument 96 km/h
- 09th Mt Isa 91 km/h
- 13th Cloncurry 93 km/h,
Zinifex Century Mine 107 km/h
- 18th Camooweal 93 km/h

New South Wales

Winds greater than 90 km/h were reported on:

- 06th Moree Aero 93 km/h
- 07th Thredbo 98 km/h
- 16th Coonamble Airport AWS 93 km/h
- 20th Deniliquin Airport 109 km/h
- 21st Wilcannia Aerodrome AWS 104 km/h,
Fowlers Gap AWS 94 km/h,
Ivanhoe Aerodrome AWS 100 km/h,
Forbes Airport AWS 96 km/h,
Thredbo AWS 115 km/h
- 22nd Fowlers Gap AWS 91 km/h,
Thredbo AWS 115 km/h,
Cabramurra SMHEA AWS 91 km/h
- 23rd Green Cape AWS 98 km/h
- 31st Byron Bay (Cape Byron AWS) 96 km/h

Victoria

Winds greater than 90 km/h were reported on:

- 03rd Colac 96km/h
- 07th Mt William 91km/h
Mount Buller 91km/h
Wilsons Promontory 100km/h
Mt Hotham 96km/h
- 21st Pound Creek 94km/h
Mt Hotham 131km/h
Mount Buller 111km/h
Falls Creek 105km/h

- 22nd Mount Buller 93km/h
Falls Creek 100km/h
Mt Hotham 117km/h
Mt William 105km/h
Eildon 91km/h
Port Fairy 93km/h
East Sale 93km/h
Wilsons Promontory 135km/h
- 24th Wilsons Promontory 102km/h

Tasmania

Winds greater than 90 km/h were reported on:

- 4th Maatsuyker Island 94 km/h
Mount Wellington 91 km/h
- 7th Scotts Peak Dam 120 km/h
Mount Wellington 117 km/h
Mount Read 109 km/h
Hartz Mountain 104 km/h
Tasman Island 100 km/h
- 9th Mount Wellington 106 km/h
Maatsuyker Island 102 km/h
Mount Read 94 km/h, Cape Grim 91 km/h
- 10th Mount Wellington 98 km/h
Maatsuyker Island 93 km/h
- 15th Maatsuyker Island 104 km/h
Mount Read 102 km/h
Mount Wellington 102 km/h
- 20th Tasman Island 96 km/h
Mount Read 94 km/h
- 22nd Hogan Island 113 km/h
Tasman Island 107 km/h
Cape Grim 100 km/h
Mount Wellington 94 km/h
Mount Read 91 km/h
- 23rd Mount Wellington 94 km/h
Hogan Island 91 km/h
Maatsuyker Island 91 km/h
- 24th Mount Wellington 104 km/h
Tasman Island 104 km/h
Cape Bruny 91 km/h
- 26th Maatsuyker Island 100 km/h
Hartz Mountain 93 km/h
Mount Wellington 91 km/h
- 28th Maatsuyker Island 96 km/h
Mount Wellington 91 km/h

South Australia

On the 6th, gale force winds at Port Lincoln and Cleve were associated with the passage of a strong front. Severe wind gusts associated with dry microbursts were also observed at several locations including Coober Pedy, Ernabella, Keith, Marree, Roseworthy and Whyalla.

On the 21st a wind gust of 115 km/h was recorded at Coober Pedy Airport.

FLOODING

Queensland

A trough line and associated heavy rainfall through the central west during late November and through to mid December saw minor to moderate rises across many western Queensland rivers, from the Diamantina River in the far west through to the Condamine River in the Darling Downs. Minor to moderate flooding also developed across the headwaters of the Fitzroy River (the upper Dawson, Nogoa and Comet Rivers) during late November and into December.

Paroo River:

Major flooding developed at Humeburn in the Upper Paroo River on the 16th. Moderate flooding also developed at Eulo.

Bulloo River:

Major flooding developed at Quilpie in the Upper Bulloo River on the 20th. This was followed by further major flooding nearby at South Comongin overnight on the 23rd.

Thomson and Barcoo Rivers and Cooper Creek: Minor flooding developed around Longreach in the Upper Thomson River and in the Barcoo River on the 31st. Moderate flooding also extended downstream to Windorah on Cooper Creek.

Teviot Brook and Lower Logan River:

Heavy rainfall recorded during the afternoon of the 12th caused minor flooding to develop along the Teviot Brook with some small rises and minor flooding in the Round Mountain area on the Upper Logan River located upstream of Beaudesert. Despite a major flood peak of 6.4 metres recorded at Boonah on the 13th, this event generally only produced below minor flooding downstream along the Teviot Brook.

BUSHFIRES

Tasmania

There were numerous small, scrub fires across Tasmania with strong winds and high temperatures on the 2nd. No major losses were reported.

Western Australia

On the 30th three people died when their trucks were caught in a bushfire on the Great Eastern Highway near Boorabbin between Kalgoorlie and Southern Cross. Extreme fire weather conditions during the day fanned an ongoing fire in the Boorabbin National Park resulting in the closure of the Great Eastern Highway.

Northern Territory

A number of small fires burnt in southern parts of the Northern Territory near Mt Theo in the southern Tanami Desert and near the Devil's Marbles.

TEMPERATURE

Highest Mean Maximum Temperature for December

Station	Actual °C	Previous Highest °C	Year	Years of Record
Victoria				
Heywood Forestry	25.5	24.9	1980	45
Wonthaggi	24.8	24.4	2003	38
Tasmania				
Eddystone Point	22.2	21.6	2002	49
Flinders Island Airport	22.8	22.0	2003	45
South Australia				
Meningie	26.7	26.7	1994	42
Murray Bridge Comp	30.3	30.1	2006	41

Highest Mean Minimum Temperature for December

Station	Actual °C	Previous Highest °C	Year	Years of Record
New South Wales				
Narooma	16.3	16.2	2000	43
Tocumwal	15.7	15.5	1975	38
Victoria				
Wilson's Promontory LH	14.7	14.4	2003	129
Walpeup Research	15.6	15.6	1965	58
Mangalore Airport	14.5	14.3	1975	47
Kyabram DPI	14.9	14.6	1992	41
Tasmania				
Burnie (Round Hill)	13.1	13.0	1973	54
Flinders Island Airport	13.7	13.6	1985	45
Orford (Aubin Court)	12.2	12.1	1998	40
Marrawah	11.9	11.9	1985	37

Highest Daily Maximum Temperature for any Month

Station	Actual °C	Date	Previous Highest °C	Year	Years of Record
Northern Territory					
Larrimah	43.5	02	43.5	11/1975	37
Tennant Creek Airport	45.4	02	44.7	12/1990	37
Brunette Downs	45.5	02	45.5	Feb 1983	34

Highest Daily Maximum Temperature for December

Station	Actual °C	Date	Previous Highest °C	Year	Years of Record
Victoria					
Heywood Forestry	42.5	31	42.1	2006	39
South Australia					
Mount Gambier Aero	43.3	31	42.4	2006	66
Mount Barker	41.3	31	40.0	2002	51
Warooka	40.5	31	40.5	2005	43
Meningie	42.2	31	41.7	2006	42
Cape Willoughby	41.0	31	40.0	1980	41
Murray Bridge Comp	44.4	31	43.4	2005	41
Western Australia					
Bridgetown Comp	41.5	26	40.8	1931	101
Cape Naturaliste	37.6	26	36.3	2000	51
Carnamah	44.5	26	44.4	2006	66
Dwellingup	42.0	26	40.0	1968	48
Hyden	45.2	27	44.9	1997	35
Manjimup	41.1	26	40.0	2002	48
Narembeen	44.0	27	43.6	2002	39

Pemberton	40.4	26	40.0	2002	50
Perth Airport	44.5	26	43.2	2002	64
Perth Metro	44.2	26	42.3	1968	110
Wagin	43.7	26	43.2	1997	34

Northern Territory

Brunette Downs	45.5	02	45.2	1990	42
Larrimah	43.5	02	43.1	1986	41
Tennant Creek Airport	45.4	02	44.7	1990	38
Daly Waters AWS	44.3	02	43.1	1939	37
Wave Hill	45.2	02	44.7	1990	34
Yuendumu	44.6	02	44.0	1981	33
Elliott	46.5	02	46.0	1989	26

Lowest Daily Maximum Temperature for December

Station	Actual °C	Date	Previous Lowest °C	Year	Years of Record
Western Australia					
Meekatharra Airport	21.3	11	21.4	1988	58
Northern Territory					
Jabiru Airport AWS	26.0	29	26.2	2004	27

Highest Daily Minimum for any Month

Station	Actual °C	Date	Previous Highest °C	Year	Years of Record
Northern Territory					
Darwin Airport	29.7	03	29.7	11/ 1987 12/ 1985	62
Brunette Downs	31.2	03	31.0	01/ 1994	27

Highest Daily Minimum for December

Station	Actual °C	Date	Previous Highest °C	Year	Years of Record
Western Australia					
Wagin	24.0	27	23.5	2000	35
Jurien Bay	27.6	26	25.1	1996	39
Esperance	25.7	27	23.0	1979	39
Merredin	27.6	27	27.4	1977	42
Ravensthorpe	28.6	27	25.6	1974	46
Cape Naturaliste	24.3	26	22.7	1978	51
Northern Territory					
Darwin Airport	29.7	03	29.7	1985	66
Brunette Downs	31.2	03	30.1	1996	42
Pirlangimpi AWS	29.0	03	28.5	1990	24

Lowest Daily Minimum for December

Station	Actual °C	Date	Previous Lowest °C	Year	Years of Record
Western Australia					
Pearce RAAF	5.3	07	5.4	1973	49
Kellerberrin	4.1	06	5.3	1998	95
Northam	4.5	06	4.7	1998	99

RAINFALL

Highest Monthly Rainfall on Record for any Month

Station	Actual mm	Previous Highest mm	Year	Years of Record
New South Wales				
Quambone	256.9	135.7	Jan 1995	116

Highest Monthly Rainfall on Record for December

Station	Actual mm	Previous Highest mm	Year	Years of Record
Queensland				
Evanston	182.5	167.5	1993	30
Sunbury	138.0	124.8	1999	34
Havelock	214.0	212.3	1958	52
Beardmore Dam	219.6	176.0	1980	34
New South Wales				
Brewarrina	221.6	206.3	1931	136
Enngonia	155.5	148.6	1936	118
Coolabah PO	270.8	203.6	1988	110
Coonamble	261.2	144.4	1978	130
Trangie Research	143.2	137.4	1992	86
Quambone	256.9	135.7	1911	116
Gosford North	221.0	208.4	1971	37
Binnaway	233.4	213.1	1926	107
Coonabarabran	289.6	234.1	1947	129
Weetaliba	232.9	198.9	1926	124
Geurie PO	190.4	147.8	1970	98
Goodooga PO	205.4	184.8	1927	117
Collarenebri	222.4	194.8	1942	125
(Goondooluie)				
Brewarrina	216.0	194.2	1942	126
(Talawanta)				
Carinda PO	243.6	128.3	1910	109
Nyngan (Fairview)	228.4	169.4	1999	56
Gulgambone	271.0	197.3	1887	122
(Yalcogrin St)				
Curban (Ercildoune)	215.5	129.2	1966	40
Warrumbungle	254.6	167.6	1996	50
(Miagunyah)				
Come By Chance	175.5	144.0	2004	116
Store				
Baradine PO	242.0	210.0	1947	127
Baradine Forestry	226.4	224.0	1947	64
Baradine (Woodville)	174.0	120.0	2004	42
Curlewis PO	200.0	166.5	1921	104
Mullaley (Garrawilla)	185.2	181.2	1947	124
Somerton (Kallaroo)	200.7	188.1	1970	49
Gowrie North	183.2	160.4	2004	55
Comboyne South	353.5	320.0	1988	42
Mumbil	192.8	173.0	1968	57
(Burrendong Dam)				
Goolma (Brooklyn)	234.8	191.0	1920	89
Purlewaugh (Byfield)	219.4	185.3	1973	71
Tooraweenah	193.0	184.0	1978	111
(Denham St)				
Gilgandra	219.8	189.4	1996	107
(Wallumburrawang)				
Dubbo (Darling	191.5	185.6	1992	138
Street)				
Marrar (Brigadoon)	117.2	112.2	1999	40
Weethalle	114.8	97.1	1936	78
(Mountain View)				
Tasmania				
Wynyard Airport	164.2	154.2	1993	36
Western Australia				
Ballidu	66.2	46.0	1983	97
Baramba	69.0	31.2	1991	38
Barberton	60.0	45.0	1923	97
Calingiri	66.5	59.6	1952	73
Dandaragan West	50.4	37.6	1978	51
Hakea	85.0	63.0	2006	100
Happy Valley	67.4	47.2	1991	71
Hyde Park	74.7	72.7	1977	97
Jurien Bay	44.4	35.0	1978	40
Kalbarri	30.4	19.8	1998	38
Kokardine	119.0	67.8	2002	100

Kondut	59.0	47.4	1978	76	Pennant Hills	108.8	06	101.6	1920	108
Lancelin	59.6	33.8	1991	43	(Yarrara Rd)					
Lynton	32.4	28.7	1959	79	Granville Shell Refinery	110.2	06	87.4	1963	49
Manjimup	98.0	90.2	2001	92	Tooma (Gravel Point)	64.0	20	46.2	1997	42
Maysboro	64.0	53.1	1952	57	Hay (Corrong)	67.0	22	52.8	1922	129
Miling	53.2	53.1	1951	79	Merriwagga (Devon St)	81.0	21	71.2	1988	78
Riverside	79.6	48.8	2006	79	Weethalle	90.6	22	48.3	1968	78
Second Beach	56.8	56.4	1995	35	(Mountain View)					
Tambrey	47.0	43.4	1991	68	Yenda (Henry Street)	48.0	22	45.0	1992	83
Valern	62.2	35.0	2001	34	Hillston (Cowl Cowl)	69.2	22	59.9	1923	137
Wongan Hills	71.4	58.5	1923	100	Tasmania					
Wongan Hills RS	62.6	52.6	1941	70	Barrington PO	71.1	08	57.2	1982	41
South Australia					King Island Airport	44.0	22	40.0	2003	34
Fowlers Bay	81.0	59.5	1966	91	Western Australia					
Northern Territory					Ajana	38.0	11	17.5	1917	78
Timber Creek	329.1	308.5	2005	26	Ballidu	61.5	17	29.5	1940	96

Highest Daily Rainfall on Record for Any Month

Station	Actual mm	Date	Previous Highest mm	Year	Years of Record
Queensland					
Coreena	170.0	26	165.0	04/1990	114
Theodore Cotton	134.0	01	132.0	02/ 1997	41
New South Wales					
Coonamble	171.0	22	122.9	02/1882	130
Gulargambone	125.0	22		01/ 1950	122
(Yalcogrin St)			123.2		
Warrumbungle	136.0	22	123.0	12/ 1993	50
(Miagunyah)					
Dubbo (Muronbung)	71.0	22	66.0	06/ 2007	60
Weethalle	90.6	22	82.3	03/1952	78
(Mountain View)					

Highest Daily Rainfall on Record for December

Station	Actual mm	Date	Previous Highest mm	Year	Years of Record
Queensland					
Wrotham Park	150.0	28	119.0	1987	47
Pinnacle	104.0	05	96.8	1975	38
Port Douglas	283.2	27	271.0	1904	117
(Warner St)					
Daintree Tea	341.0	27	289.8	1969	42
South Johnstone	290.0	27	284.0	1999	80
Exp Stn					
Ravenswood Post Office	125.2	24	106.7	1936	123
Coreena	170.0	26	121.2	1927	114
Mahrigong	134.0	26	84.0	1975	91
Theodore Cotton	134.0	01	114.3	1971	41
West Haldon	94.0	06	87.0	1987	85
Quendon	84.0	11	81.4	1981	59
New South Wales					
Coolabah (Branglebar)	72.0	22	70.6	1915	95
Tottenham (Burdenda)	89.0	22	82.0	1921	124
Trundle (Huntingdale)	65.0	22	61.4	1992	40
Wilmatha (Wanganui)	83.4	22	72.4	1992	40
Coonamble	171.0	22	113.0	1978	130
Nyngan (Fairview)	141.0	22	65.3	1963	56
Gulargambone	125.0	22	76.2	1886	122
(Yalcogrin St)					
Nyngan (Canonbar)	91.0	22	86.6	1921	119
Nyngan Airport	102.0	22	55.0	1992	129
Trangie Research	73.4	22	55.0	1992	86
Quambone (Carwell)	127.4	22	67.6	1991	116
Curban (Ercildoune)	97.0	22	60.5	1973	40
Warrumbungle	136.0	22	123.0	1993	50
(Miagunyah)					
Come By Chance Store	95.0	22	81.3	1927	116
Baradine Post Office	102.6	24	88.2	1990	127
Baradine Forestry	87.0	22	84.4	1991	64
Baradine (Woodville)	102.0	22	67.0	1996	42
Neilrex (Caigan)	97.0	22	73.2	1887	130
Coonabarabran	141.0	22	109.5	1965	129
(Namoi St)					
Binnaway (Hawthorne)	85.0	22	79.5	1926	122
Purlewaugh (Byfield)	101.4	22	70.1	1973	71
Weetaliba (Weetalabah)	83.0	22	75.7	1919	124
Dubbo (Muronbung)	71.0	22	24.4	2004	60

Note: Some statistical records mentioned in this report are based on data that have yet to be fully validated