

The Rotary Club of Cooma Inc.

The Secretary

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THIS WEEK'S ATTENDANCE: 39 + 1 makeup - 40 out of 49 = 81.6%

VISITING ROTARIANS: Nil

GUESTS: Alison (David H), Alan Caldwell (Des T), Helen (Graham F), Gwenda Stockton (Geoff B), Tracy Crowe, Andrew Peace, Claire Learoyd & Veronique (Club), Matt & Bruce (Steve S), Jan (Les S), Kym & Katie (Chris A), Alison Learoyd (Robbyn C).

APOLOGIES: Tom B, Alan D, Kevin D, Peter A, Richard L, Graham H.

LEAVE: Monica A and John Mercer.

WE ALSO MISSED: Alan H.

MAKEUPS: Ken D (Jerangle School presentation).

Duty Roster December, January and February

Thought of the Week	Fellowship	Attendance
President Chris	Margaret Echarri and Claire Neumeyer	December - Jim Hatfield and Marco Revelant January - Elaine Mooney and David Byrne

Property	Introduction	Markets
December - Ashley Constance and Ken Prendergast	N/A	January - Brian J, Richard L, Elaine M, Ashley C, Brenda C-B, Alyson H-J - PA, Ken P - Coffee
January - Tom Bellgard and Darrell Gaukroger	Vote of Thanks N/A	February - David B, Tom B, John V, John M, Monica A, Alyson H-J - PA, Colin M - Coffee

SOME SIMPLE RULES ABOUT ROSTERS

GENERAL: Members rostered on and not able to attend are to make arrangements with another member to take their place.

MARKETS: Those nominated to tow the caravan or chuck wagon are to be at the Rotary shed no later than 8am. Ensure you get the key to the shed from David Holgate PRIOR TO THE EVENT SO THE EQUIPMENT CAN BE SET UP EARLY. If you are unable to tow the van or chuck wagon PLEASE ASK SOMEONE WHO CAN, or advise David Holgate before the event. Others nominated should be at the Park by 8.45am.

The contact for making apologies and for notification of guests for dinner meetings is Darrell Gaukroger ph: 0407411422 or dqcooma@bigpond.net.au

MEETINGS:

We meet every Wednesday

6:00pm for 6:30pm at

Dodds Hotel

94 Commissioner Street Cooma



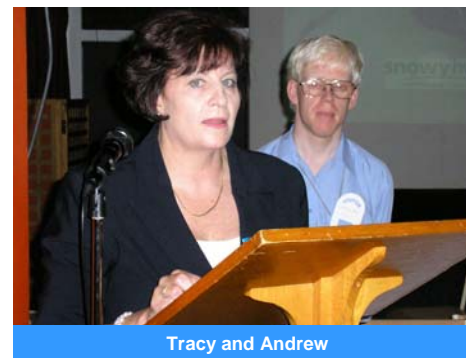
Weekly Bulletin



The Rotary Club of Cooma Inc.

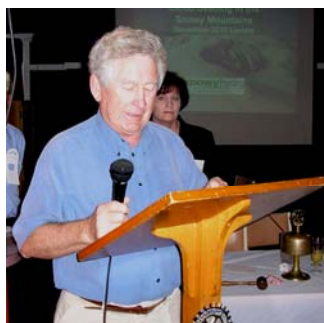
Cloud Seeding - Tracy Crowe

Presentation by Tracy Crowe and Andrew Peace on the Snowy Hydro's cloud seeding. Andrew has a master's degree in Science, and explained that cloud seeding is the induction of minute particles into suitable clouds to encourage snow flake



Tracy and Andrew

growth. Some clouds are 'efficient' and have enough ice crystals to convert this super cooled liquid into snow. Other clouds are 'naturally inefficient' ice crystals. Minute particles of silver oxide and indium (111) oxide can be released into the clouds to allow liquid water droplets to freeze into snow. Less than 24 grams of silver iodide and 17 grams of indium (111) oxide per square kilometre is used each year – that's about a tablespoon full - in the case of silver, this is less silver than you would find in a 1966 fifty cent piece. Andrew showed us the cloud seeding area they cover from Selwyn, Cabramurra Khancoban to Thredbo and then back to Selwyn. The control centre is at the Snowy Hydro centre with remote service facilities at Blue Calf, Cabramurra and weather balloons and measuring sites. Snow pack samples are collected following seeding operations. Hundreds of soil, sediment, moss, water and aquatic ecology samples are collected each year as part of the environmental monitoring program. There is no evidence that cloud seeding operations had an adverse impact due to this trail and no evidence of impact on snow habitation or of difference in the concentrations of ammonia and nitrogen oxides in seeded and un-



Introduction by Graham

Issue: 15 December

Items of special interest:-

- December - Family Month
- January - Rotary Awareness Month
- February-World Understanding Month
- March - Polio Eradication Month
- April - Rotary Magazine Month
- May - Planning Month
- June - Fellowship Month
- July - Literacy Month

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Cloud Seeding cont.

seeded snow. The Snowy Hydro cloud seeding trial started in 2005 and due to end in 2014. Snowy Hydro has written to the NSW Government negotiating an agreement to allow the ongoing program to continue, but the government has not responded as yet. There does not appear to be any reason to delay further future cloud seeding. An independent evaluation showed that cloud seeding increased snowfall by 14%. As the slide of the water cycle shows, the sun warms the water over the ocean, causes evaporation which rises to form moist air, water droplets form creating clouds, condensation then precipitation, and falls as droplets. The water then hits the land, and flows back to the sea to start again.



David Byrne did the vote of thanks

Thank You Letter from St Judes School in Tanzania

"Thank you for helping our school by supporting our 2010 Student Appeal 'The Great Walks of Arusha'. Your donation has been used to help pay for all the new buildings that will need to be built as our wonderful school continues to grow in the coming years. Thank you from all students at St. Judes."



Thought of the Week - Patrick Kwan

Better to understand a little than not understand a lot.

Member Happenings



Anniversaries	Birthdays	Years of Service
Nil	Dugald M - 1 Jan	Alyson H-Jeffries 02 Jan 18 yrs
	Hans N - 1 Jan	Darrell Gaukroger 03 Jan 27 yrs
	Dr Bob E - 5 Jan	Rob Simms 03 Jan 29 yrs
	Ken D - 10 Jan	Alan Dodd 05 Jan 14 yrs
	Marjorie R - 12 Jan	Marco Revelant 05 Jan 19 yrs
		Ashley Constance 06 Jan 14 yrs
		Brian Jeffries 06 Jan 21 yrs
		Julie Johnston 06 Jan 20 yrs
		Lou Moore 06 Jan 14 yrs
		Des Trute 06 Jan 21 yrs

Gallery



Acting President Katrin chaired the meeting



David H. gave the community service report



Sgt. Robbyn brought Chris and staff out to say thanks



GYE Matt-2002, Katie-2007 Veronique-2010 Claire 2011

News

OUTGOING EXCHANGE STUDENT Claire Learoyd, spoke on her District exchange students' workshop; she is going to Feldbach a town in southeast Austria, with a population of 4,000. Claire leaves in January and is looking forward to some early skiing.

ROTARY AWARDS presented by Ken Dane at Jerangle School last Tuesday. **ROTARY MURRAY DARLING SCHOOL OF FRESHWATER RESEARCH** is to be held at Albury Wodonga on 16-21 April 2011. Rotary clubs might wish to sponsor a student in Year 11 cost is \$459.00. See Katrin H for more information.



Next week's program: Christmas Party
Alpine Hotel - 6:30 for 7:00 Cost \$25.00

Following week: Claire Learoyd - 12 Jan 2011
"My GYE Year in Austria"

Bulletin Reporter - Des Trute
Bulletin editor & production - Irene Shirvington