

5th July 1955

Royal Society at Hobart

Discussion of radio astronomy of the
unseen and unphotographable. Different
views of universe. Discussion abt watch

1. 1895-1929, Fraude 1905

2. Jansky 1931-32

3. Jansky apparatus

4. 203 Wavelengths 137

5. Plateau apparatus

6. Sample traces

7. Boltons at 140 Mc (1.8 + 2.6 meters)

Discussion of coordinates of stars

8. Boltons apparatus 1947

9. Crab Nebula

Discussion of coordinates + Haleakala

10. Ray system

11. Haleakala from S. West 30 mi

12. Kila Kila peak atop Haleakala

13. Zentgraf

14. Movable apparatus

15. Sample recordings

16. Mills crest of Florida (radio telescope)

17. " " " "

18. Sample traces

18. Disk at Potts Hill
19. Sample radio sources of cosmic static
- Discussion of Hydrogen spectra
20. Disk at Potts Hill
21. Magellanic clouds & data
22. Magellanic data
23. Dutch data. Sun in nucleus in
 $500 \cdot 10^6$ yrs. Spiral structure gone in 10^7 yrs.
- Discussion of radio waves from sun
24. Potts Hill arrays
25. " " " details
26. Traces of sun
27. Radio equipment
28. Motion in solar atmosphere

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