



Weather instrument shelter alternative for the Handy Person:

1. Use 4 small louvred kitchen cupboard doors and ply wood (size to fit your desired need, the number of instruments, or location).
2. Screw or nail 3 doors together as sides and cut the ply wood to fit as the top and base, forming a rectangular box shape. Attach the 4th panel side with hinges and a latch to secure the door. Ensure the louvres are angled so precipitation will drain out of shelter.
3. Fit small wood blocks or pieces of angle iron 5 to 10 cm high to the four corners of the box top to provide a gap for ventilation. Fit a plywood panel as the roof. Angle the roof panel at least 15 degrees to allow rain to run off. Ensure the lowest roof edge is positioned opposite the door panel so rain will not drain over the door.
4. The final coat of paint should be a white enamel.
5. Shelter base should be 1.1 metres from the ground. Use an open support frame to allow for air circulation around box.
6. Face the door of the shelter to the south to minimize heating of the thermometer by direct sunlight. In Northern parts of Australia a swivel style support frame will enable the shelter to be moved so the door always faces away from direct sun.
7. The shelter should be freely exposed to the sun and wind, and located in an open area away from obstruction, large areas of concrete or asphalt, and ground that is not typical of the natural surroundings.