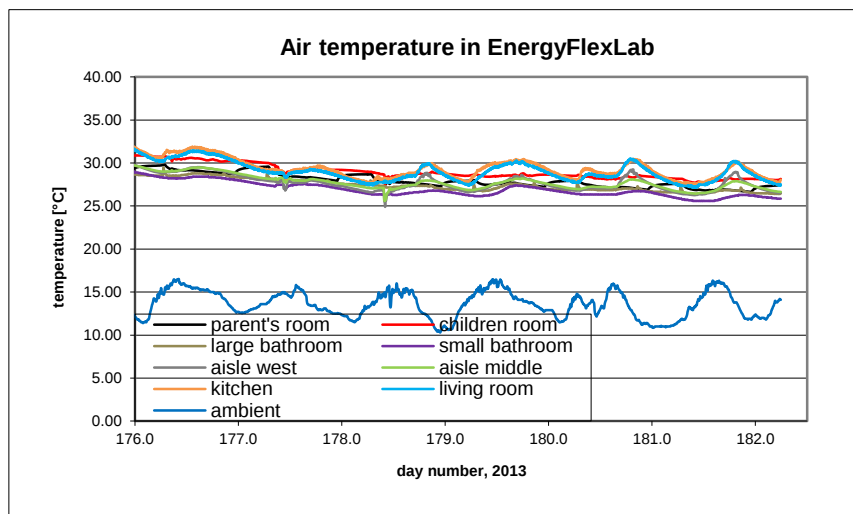


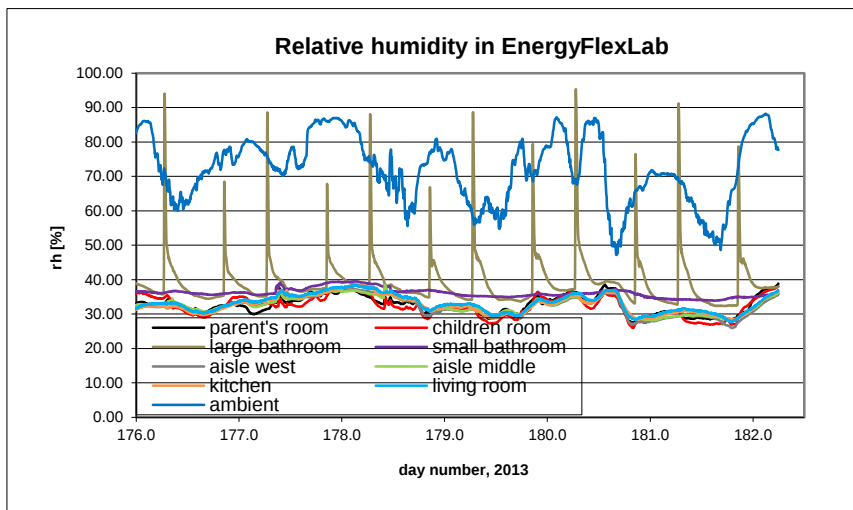
Appendix B

Measurements in EnergyFlexLab

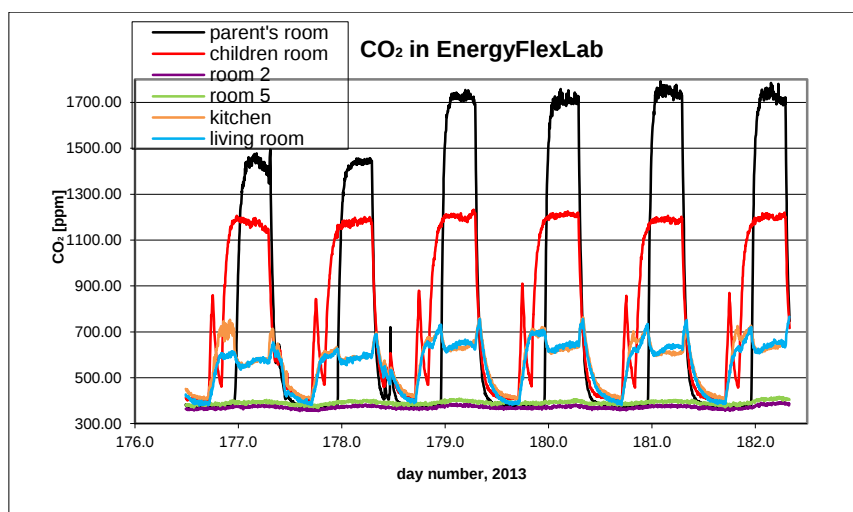
Experiment 1



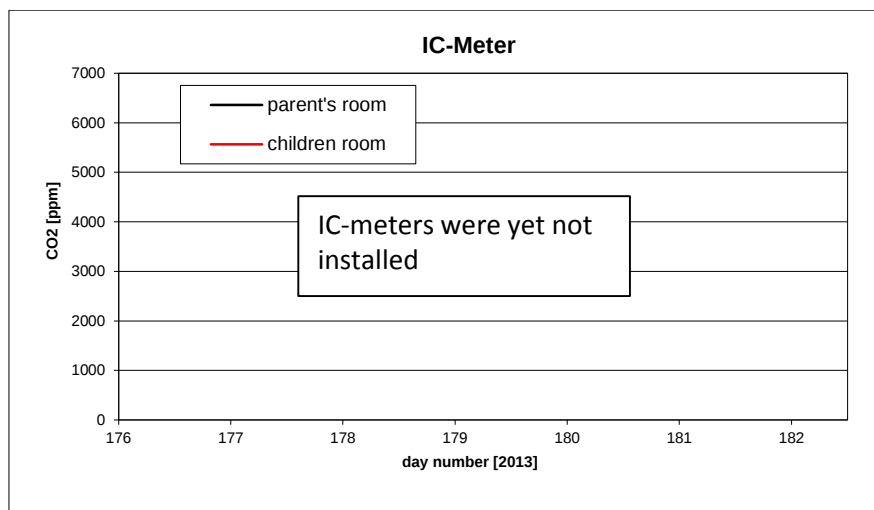
B1.1. Ambient and room temperatures in the house.



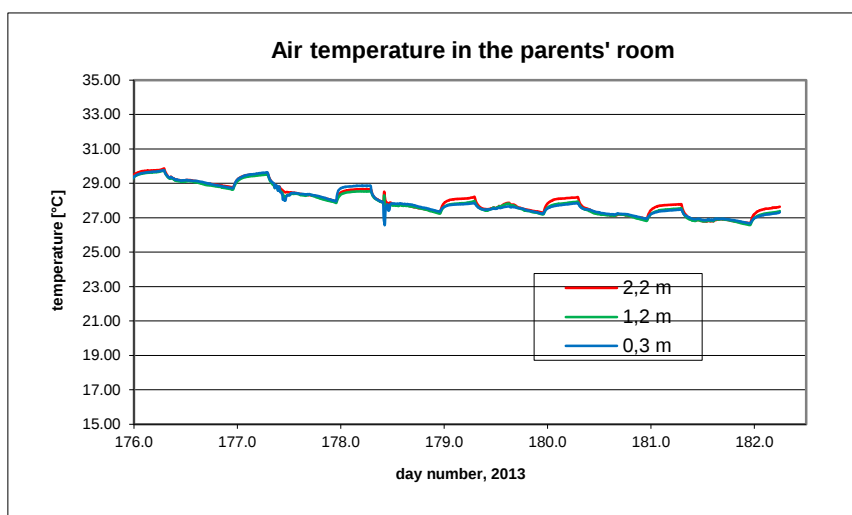
B1.2. Relative humidity in the house and ambient.



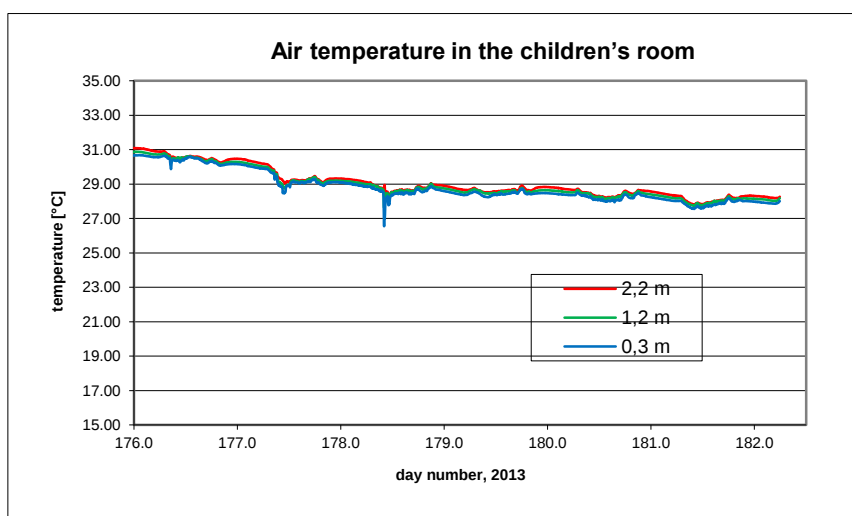
B1.3. CO₂ concentration in the house measured with Vaisala.



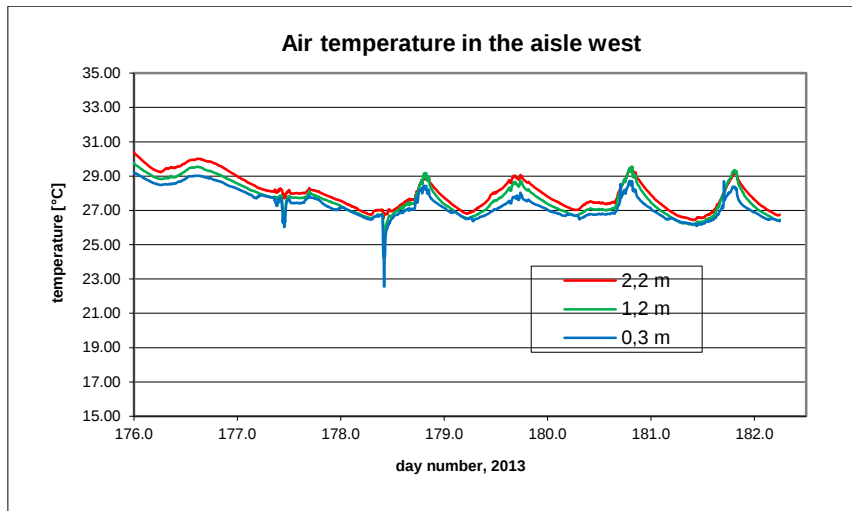
B1.4. CO₂ concentration in the house measured with IC-meters.



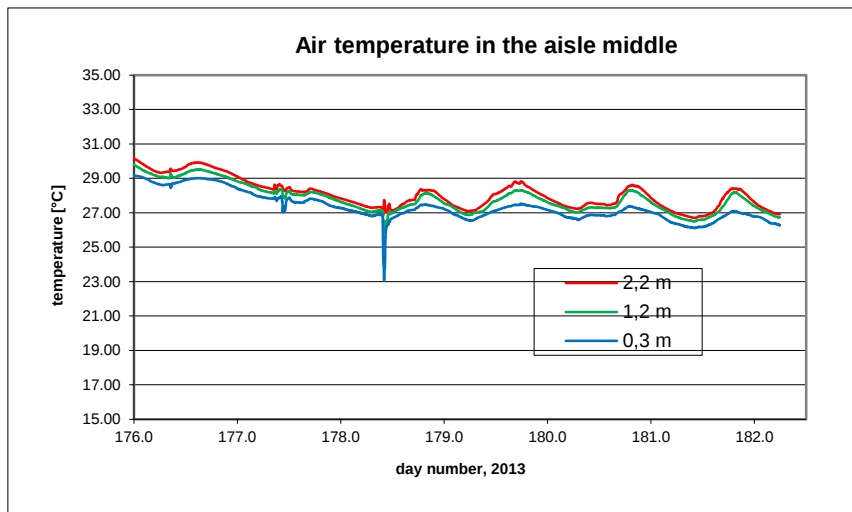
B1.5. Room temperatures in the parents' room.



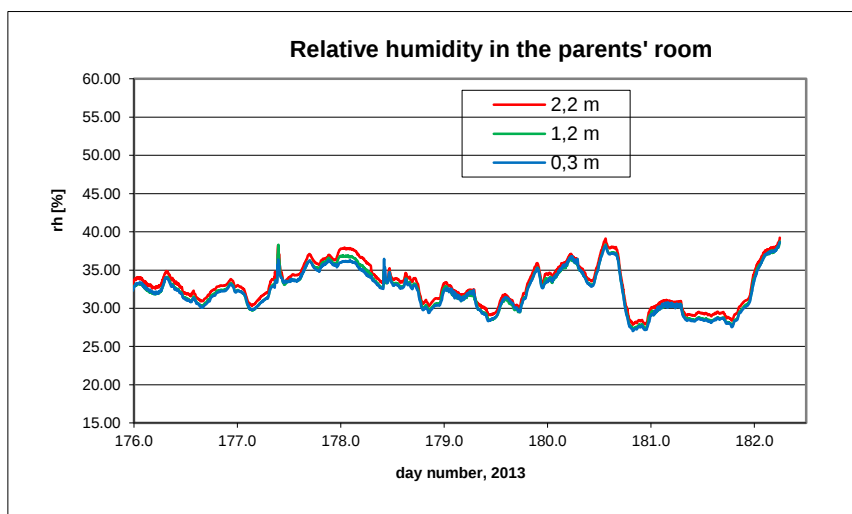
B1.6. Room temperatures in the children's room.



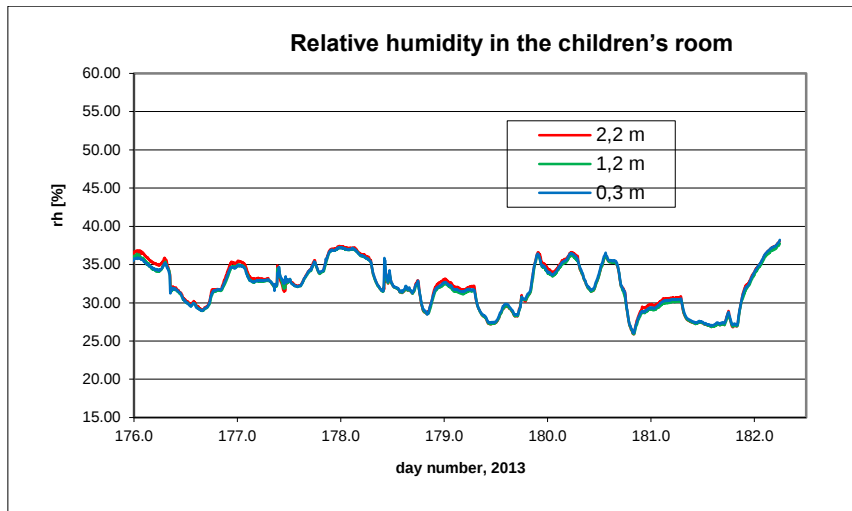
B1.7. Room temperature in the western part of the aisle.



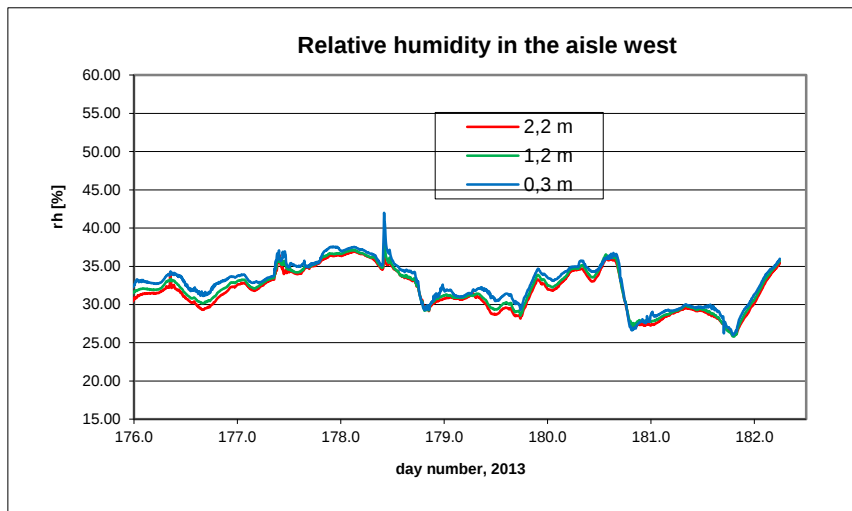
B1.8. Room temperature in the middle of the aisle.



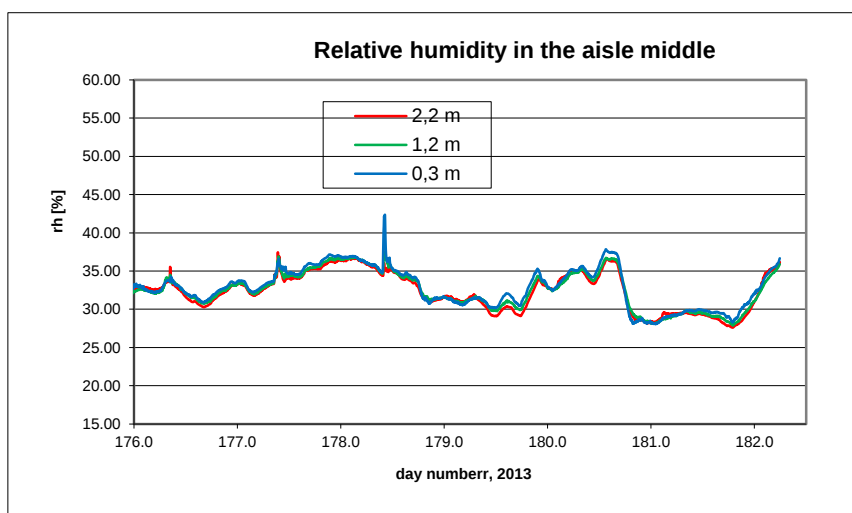
B1.9. Relative humidity in the parents' room.



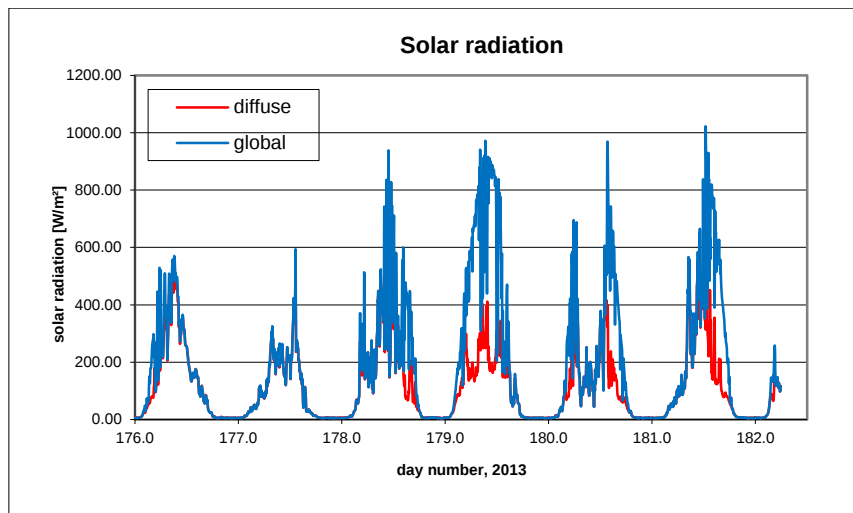
B1.10. Relative humidity in the children's room.



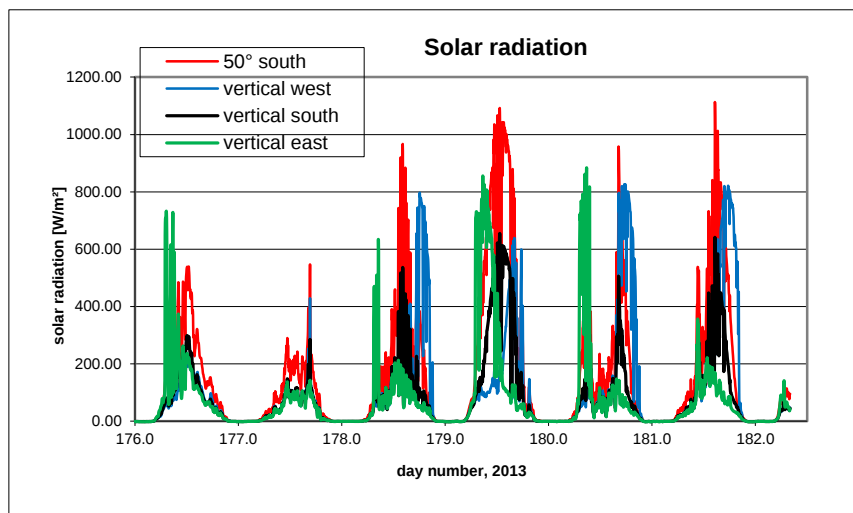
B1.11. Relative humidity in the western part of the aisle.



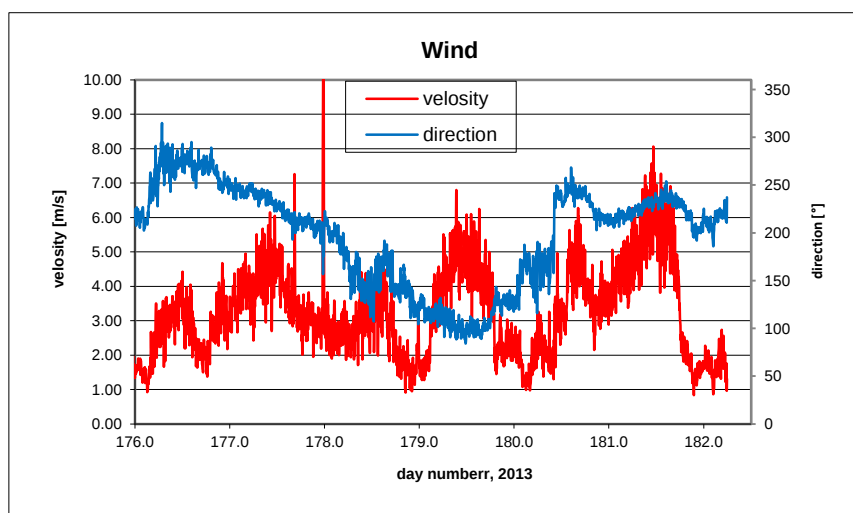
B1.12. Relative humidity in the middle of the aisle.



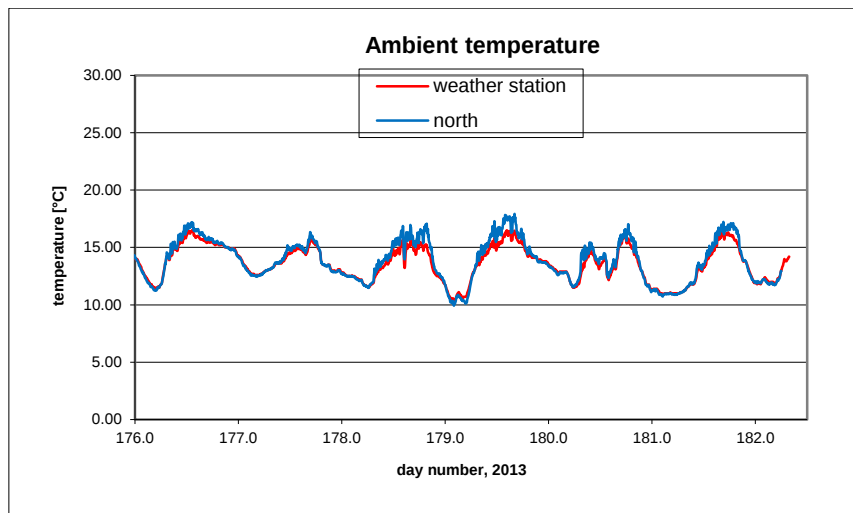
B1.13. Global and diffuse solar radiation.



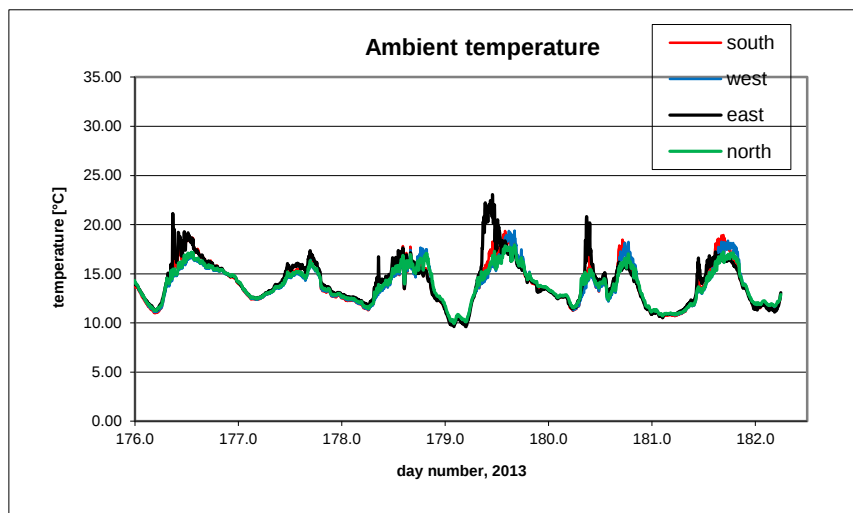
B1.14. Total vertical solar radiations on the facades and on the south facing roof.



B1.15. Wind direction and wind speed.

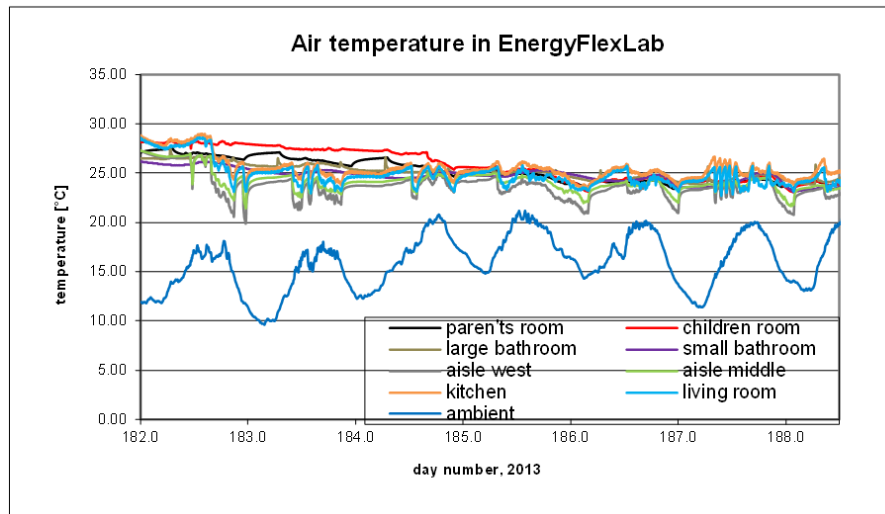


B1.16. Ambient temperature.

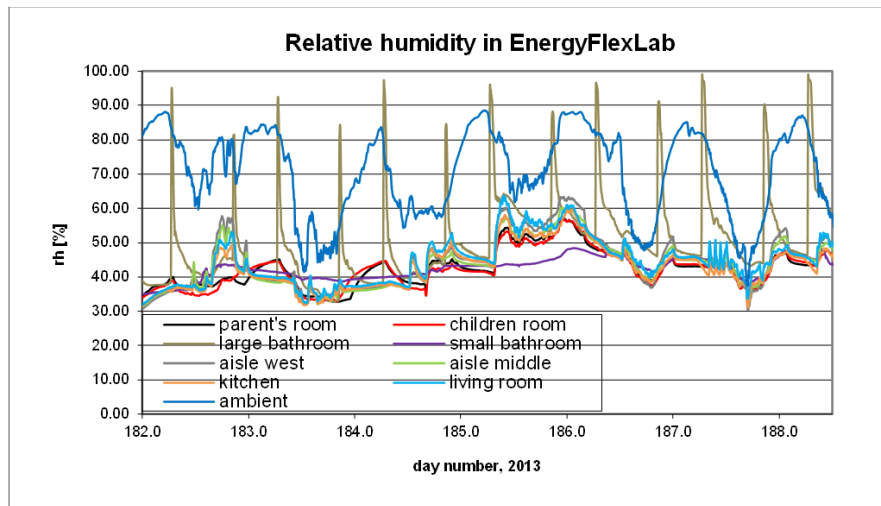


B1.17. Ambient temperature at the facades.

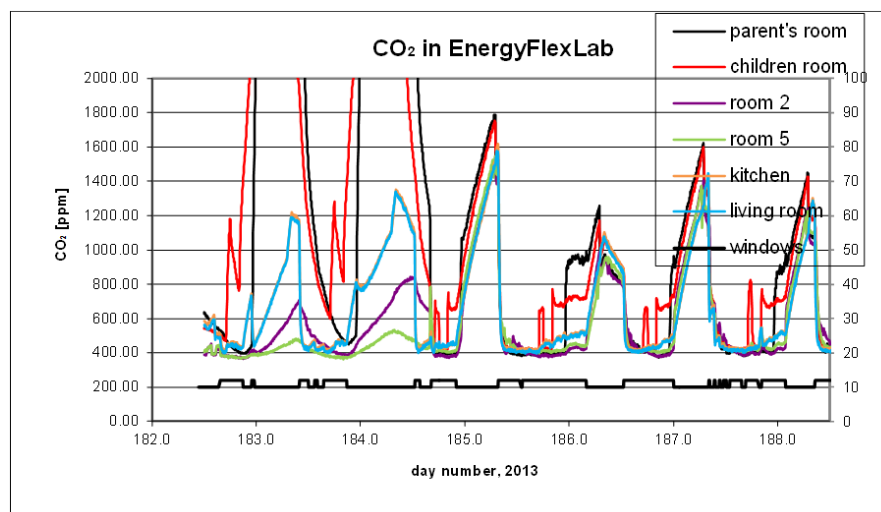
Experiment 2



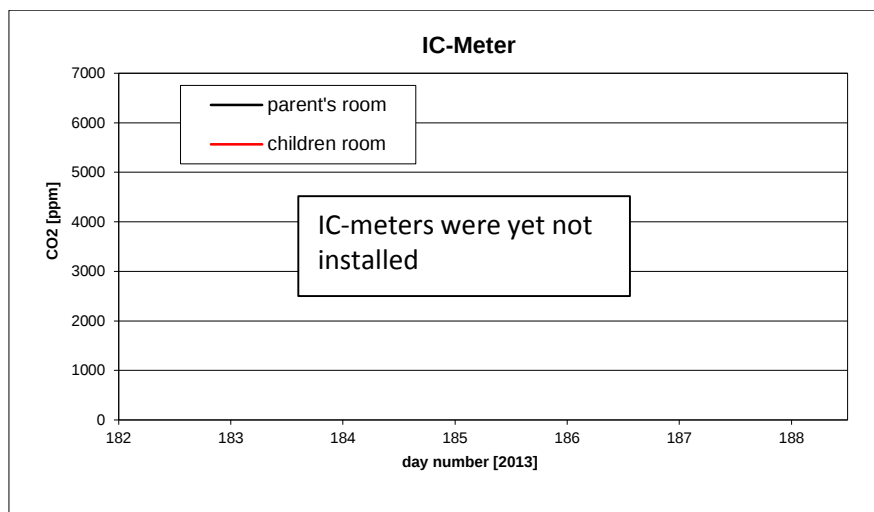
B2.1. Ambient and room temperatures in the house.



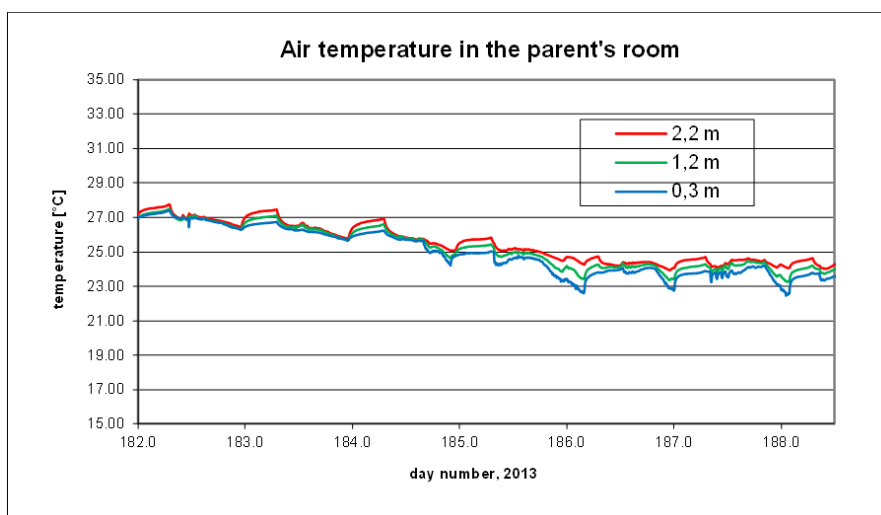
B2.2. Relative humidity in the house and ambient.



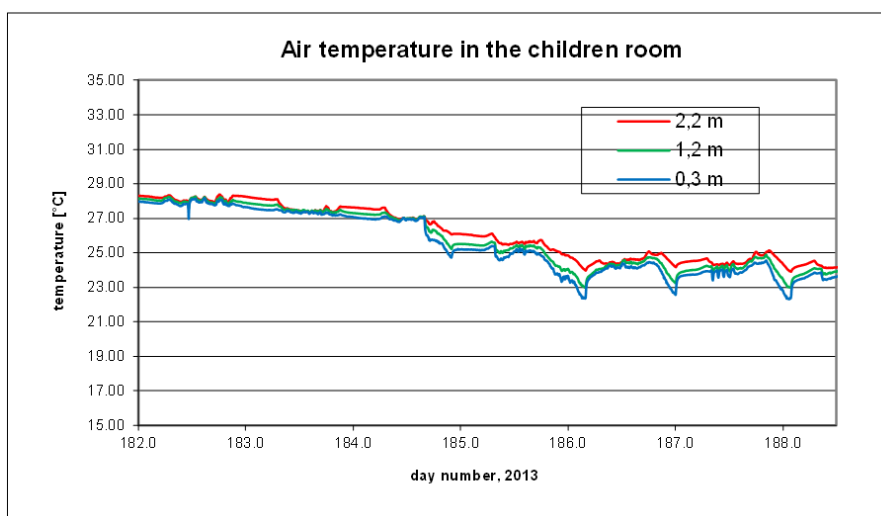
B2.3. CO₂ concentration in the house measured with Vaisala.



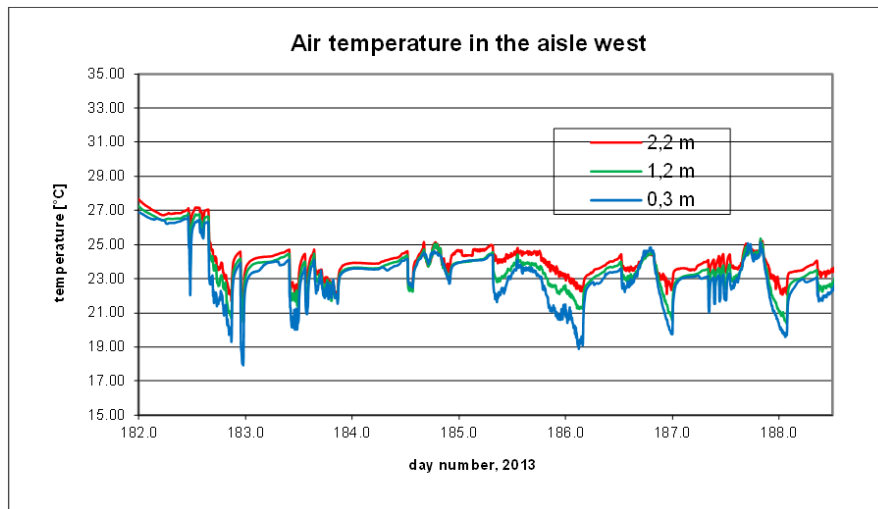
B2.4. CO₂ concentration in the house measured with IC-meters.



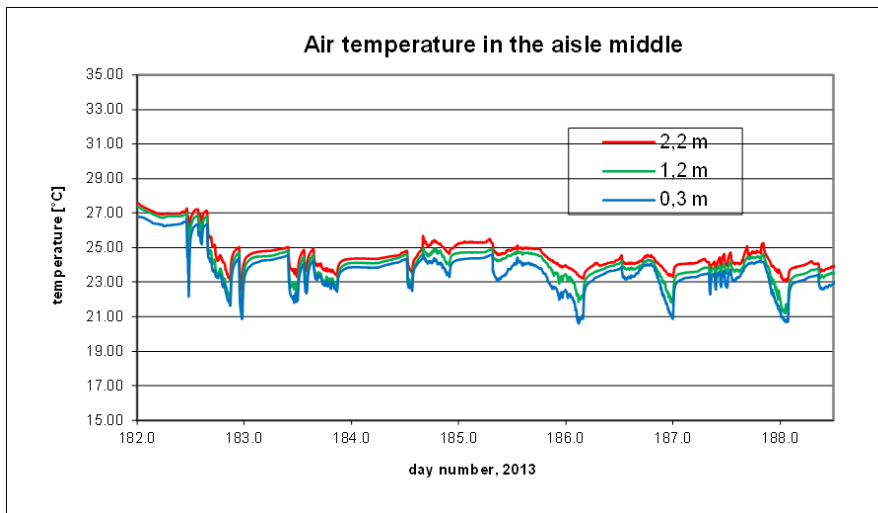
B2.5. Room temperatures in the parents' room.



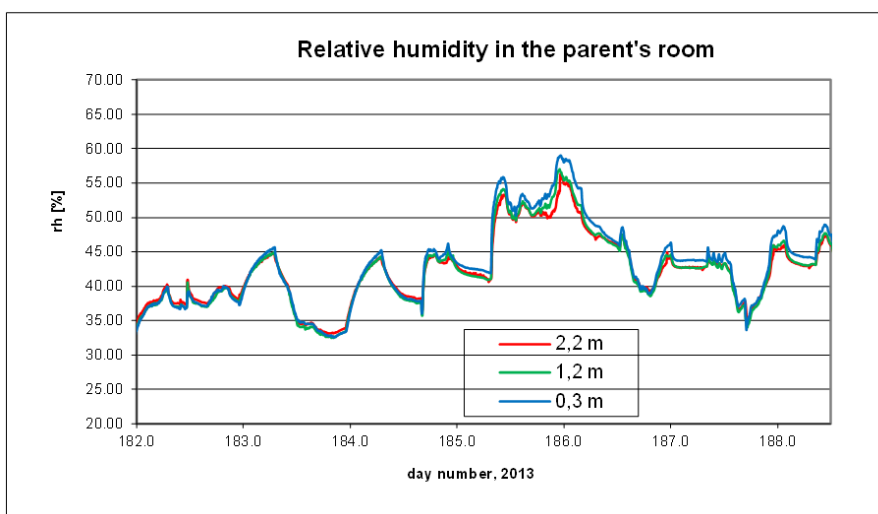
B2.6. Room temperatures in the children's room.



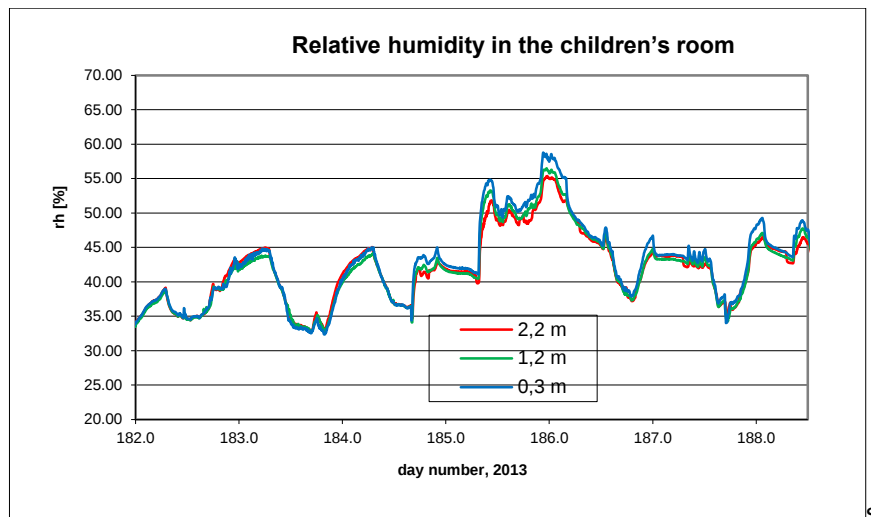
B2.7. Room temperature in the western part of the aisle.



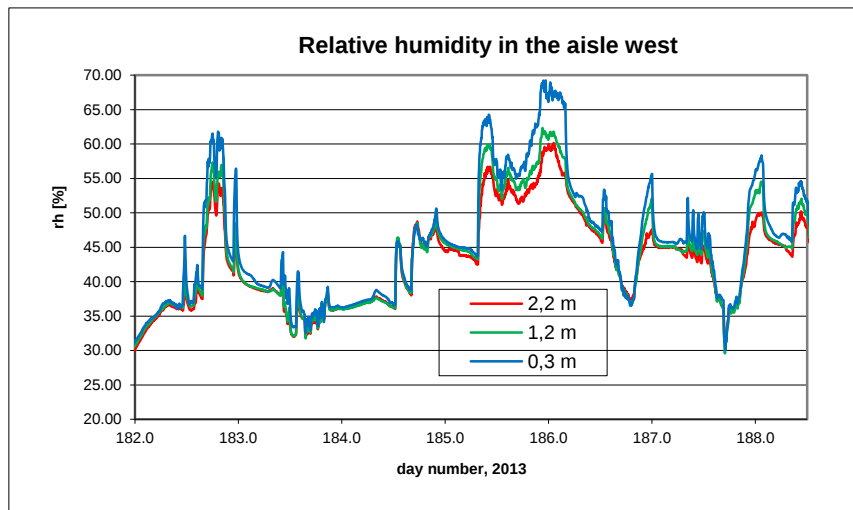
B2.8. Room temperature in the middle of the aisle.



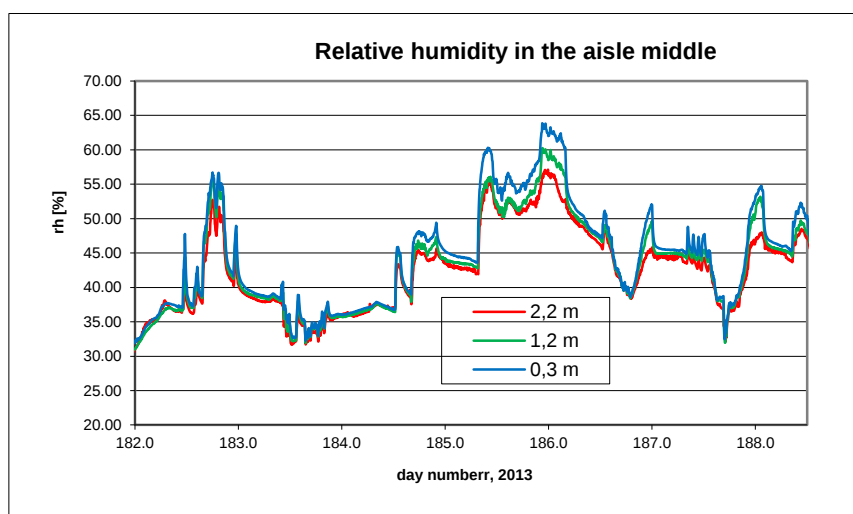
B2.9. Relative humidity in the parents' room.



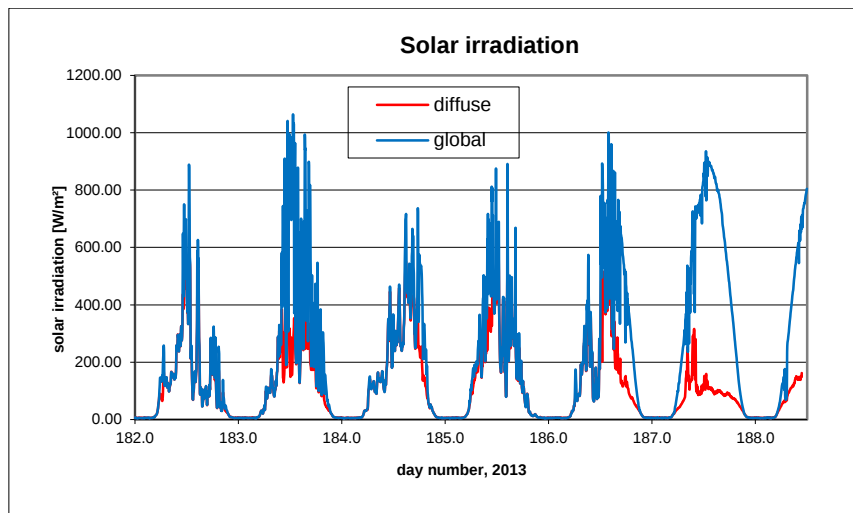
B2.10. Relative humidity in the children's room.



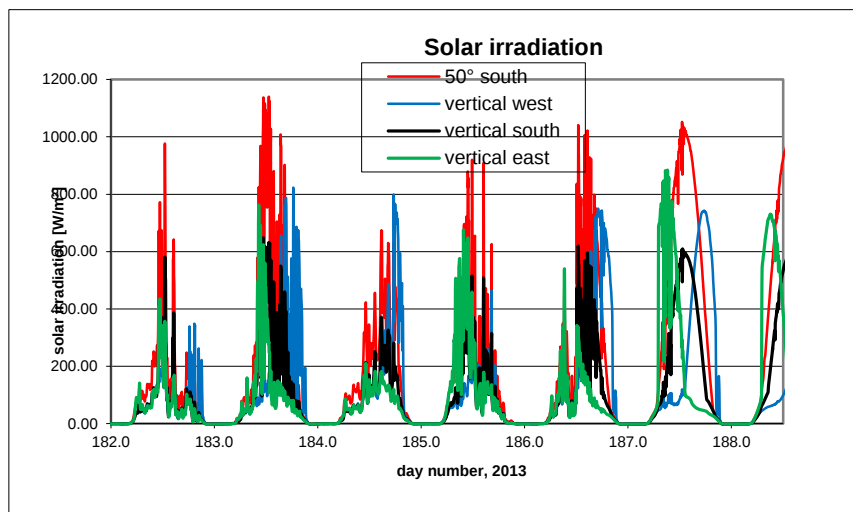
B2.11. Relative humidity in the western part of the aisle.



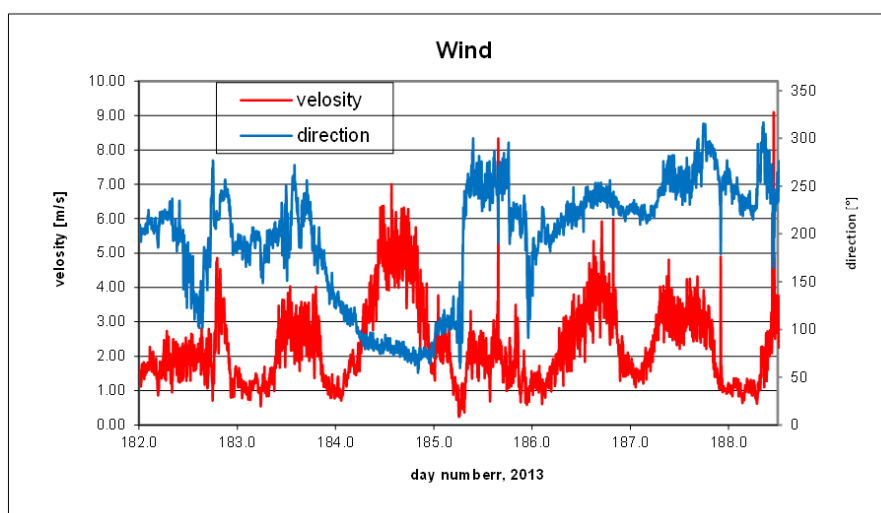
B2.12. Relative humidity in the middle of the aisle.



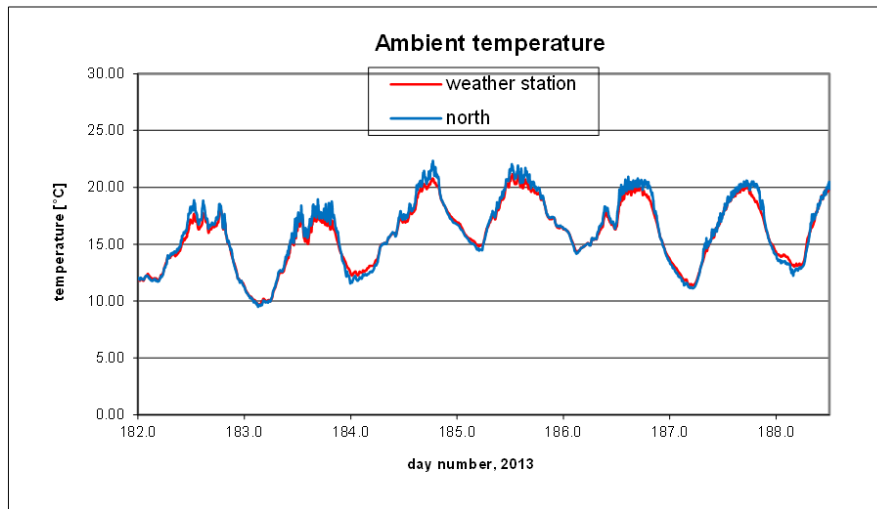
B2.13. Global and diffuse solar radiation.



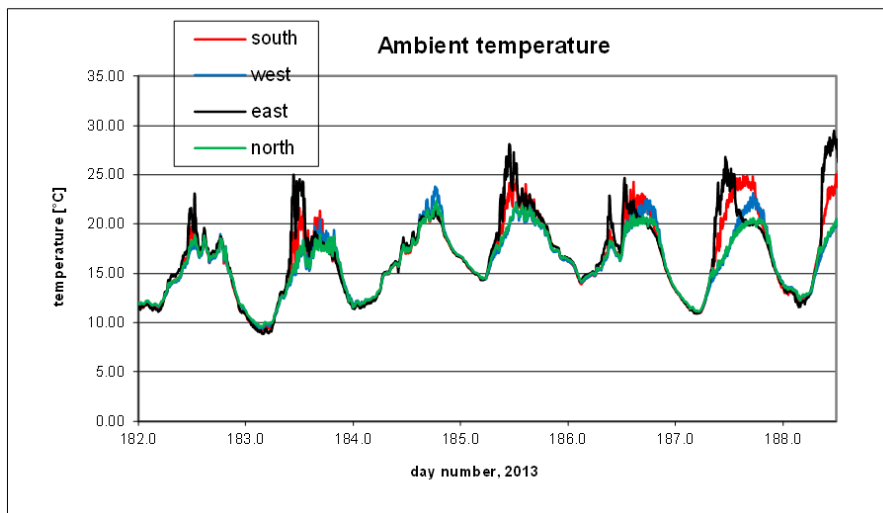
B2.14. Total vertical solar radiations on the facades and on the south facing roof.



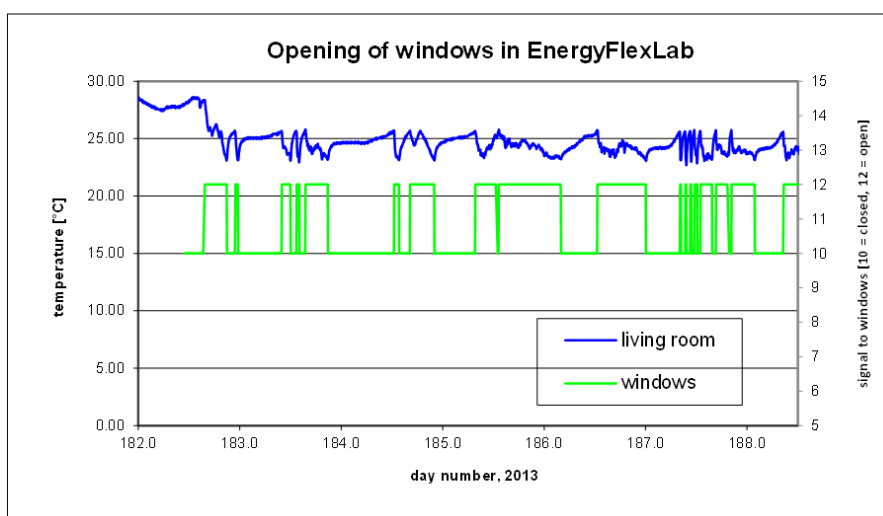
B2.15. Wind direction and wind speed.



B2.16. Ambient temperature.

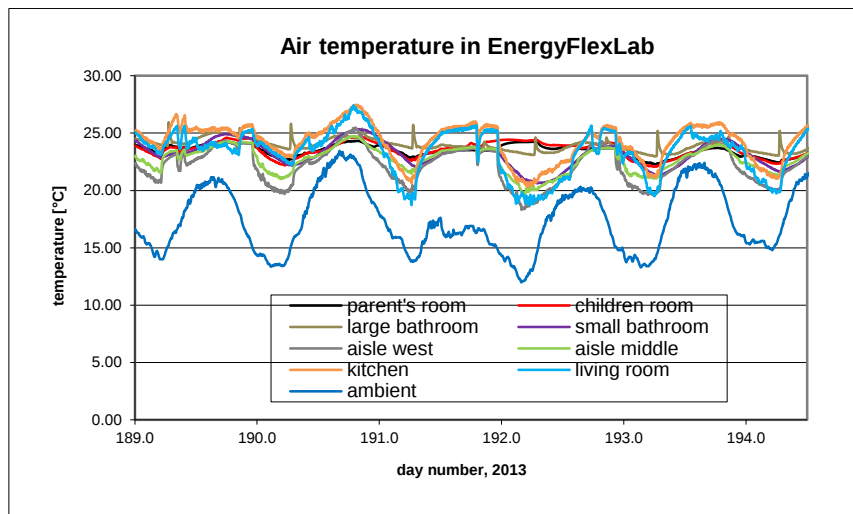


B2.17. Ambient temperature at the facades.

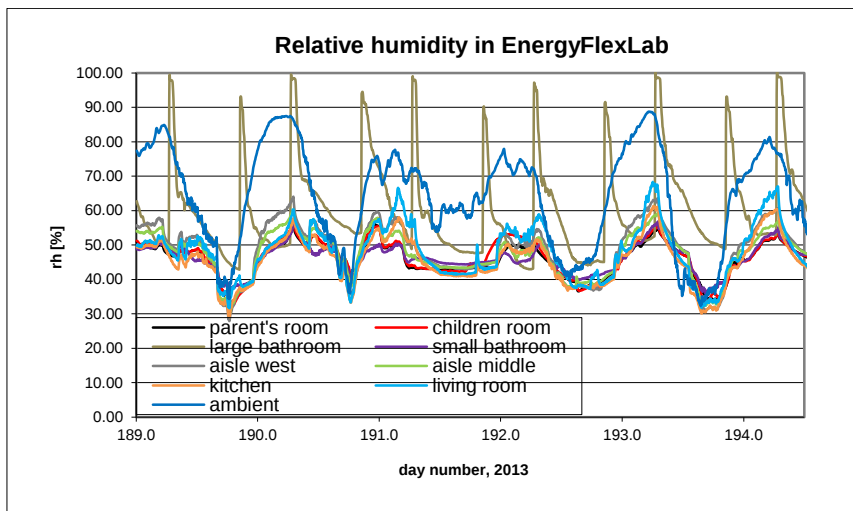


B2.18. Opening of windows.

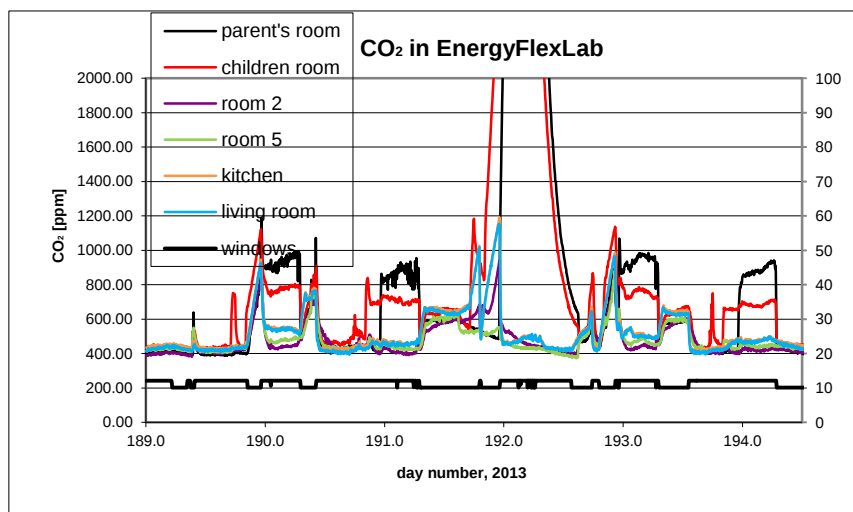
Experiment 3



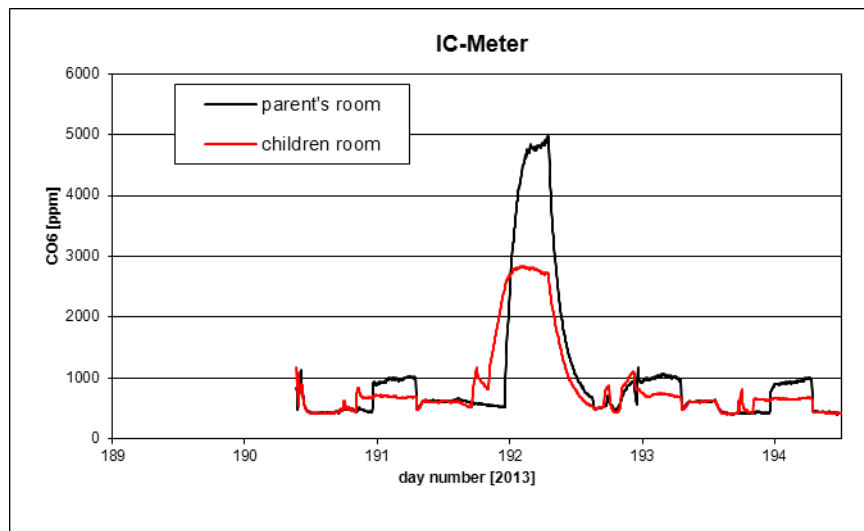
B3.1. Ambient and room temperatures in the house.



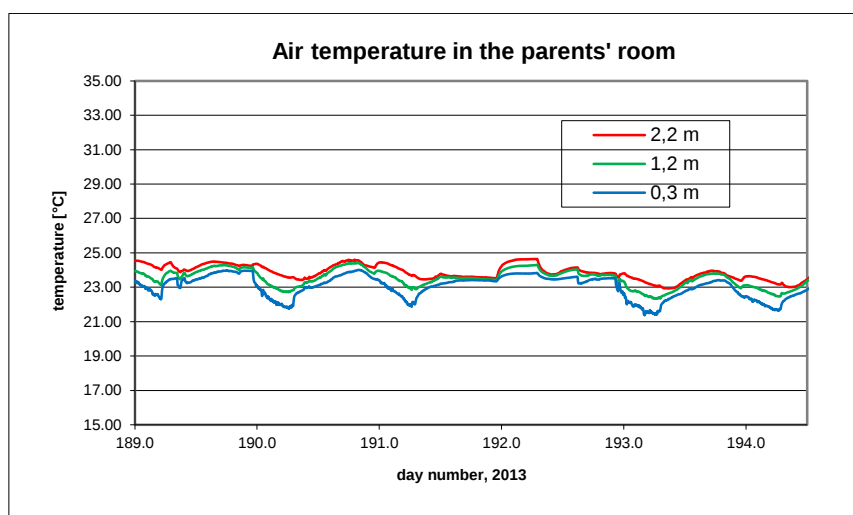
B3.2. Relative humidity in the house and ambient.



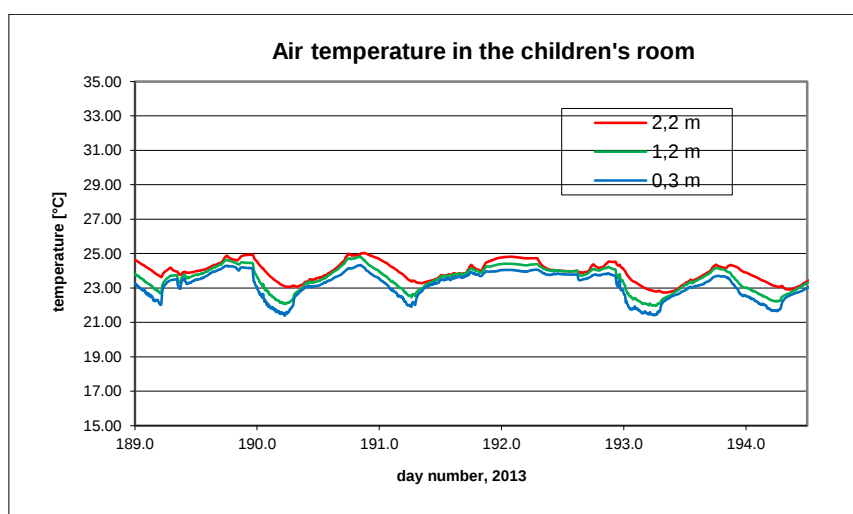
B3.3. CO₂ concentration in the house measured with Vaisala.



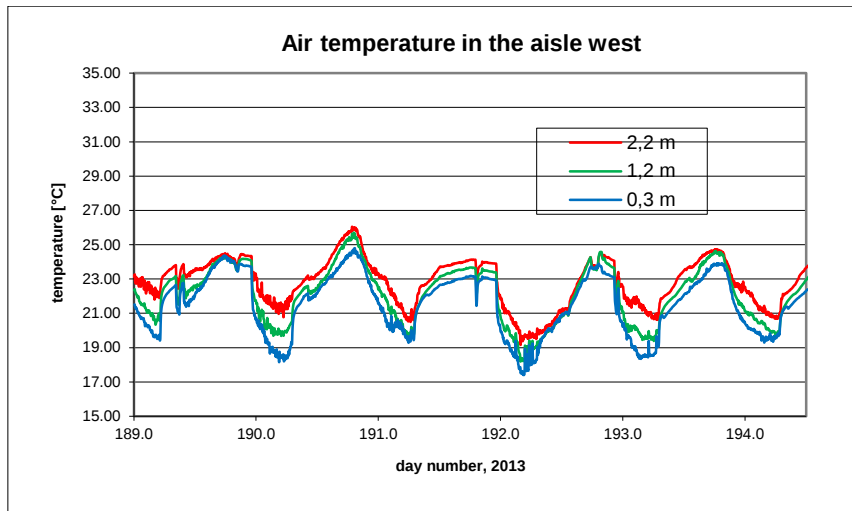
B3.4. CO₂ concentration in the house measured with IC-meters.



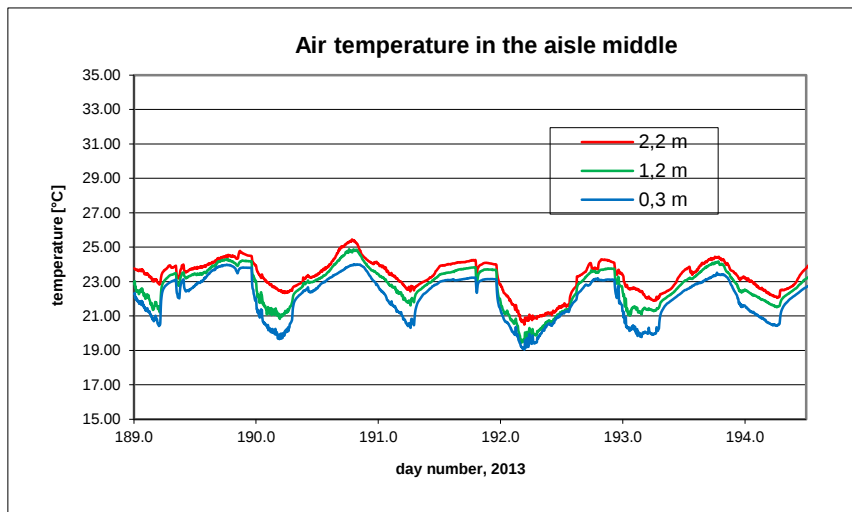
B3.5. Room temperatures in the parents' room.



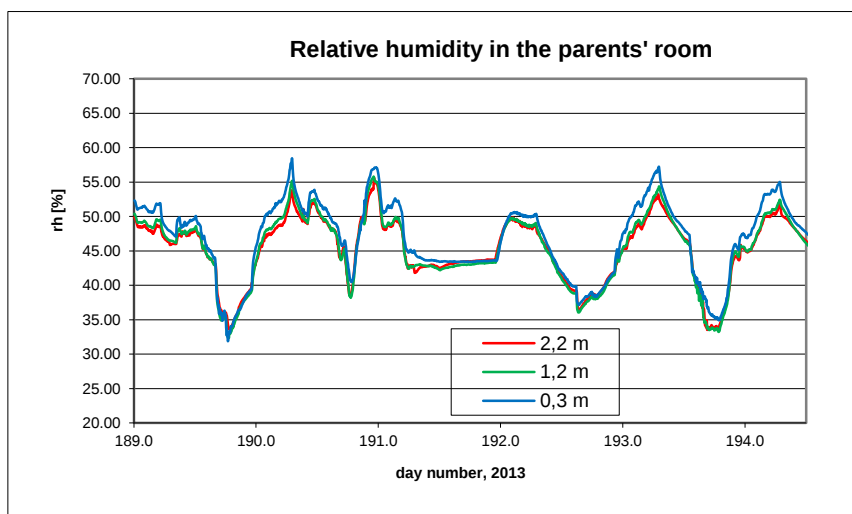
B3.6. Room temperatures in the children's room.



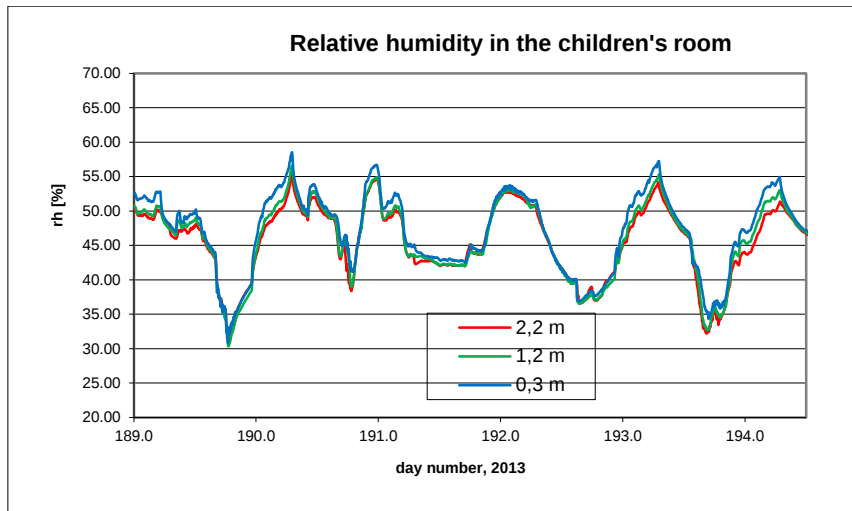
B3.7. Room temperature in the western part of the aisle.



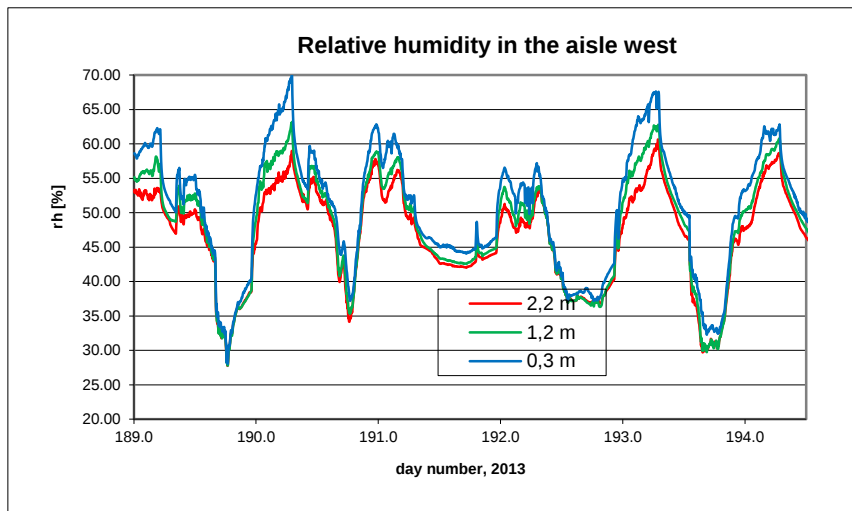
B3.8. Room temperature in the middle of the aisle.



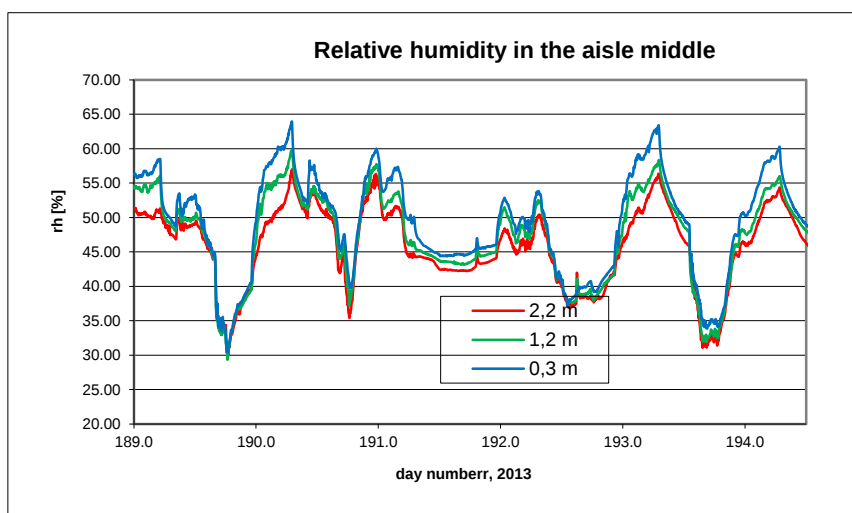
B3.9. Relative humidity in the parents' room.



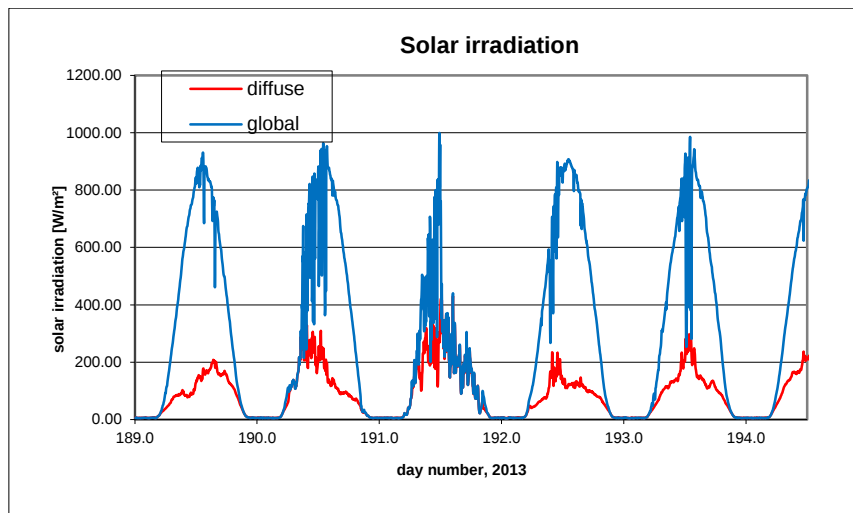
B3.10. Relative humidity in the children's room.



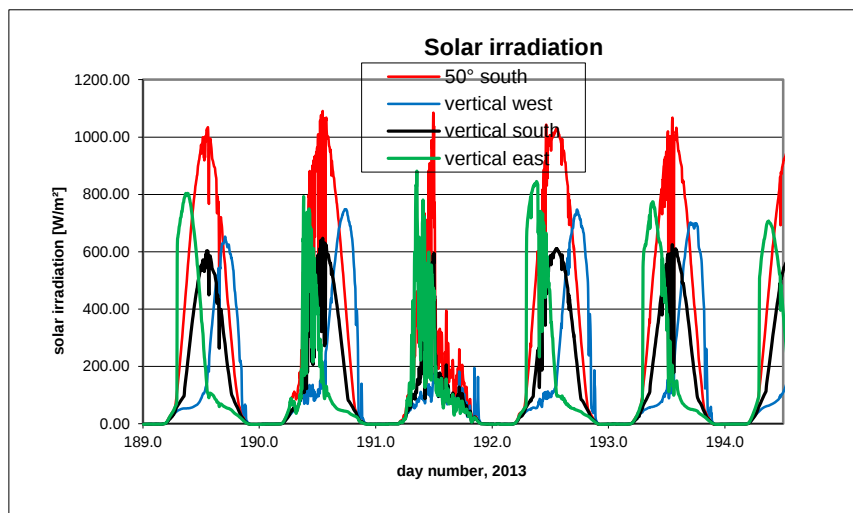
B3.11. Relative humidity in the western part of the aisle.



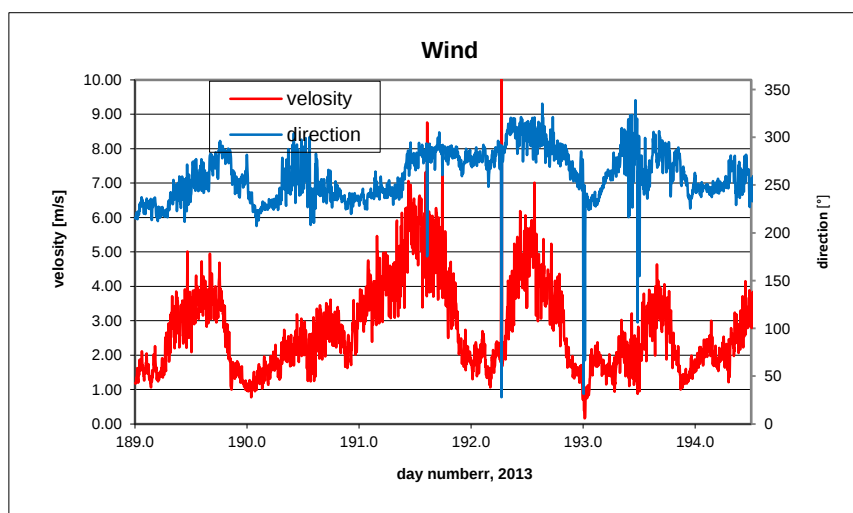
B3.12. Relative humidity in the middle of the aisle.



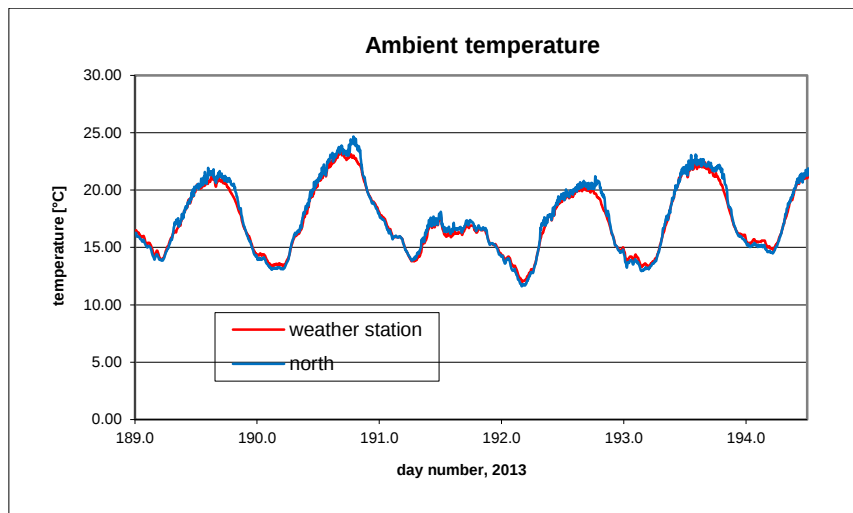
B3.13. Global and diffuse solar radiation.



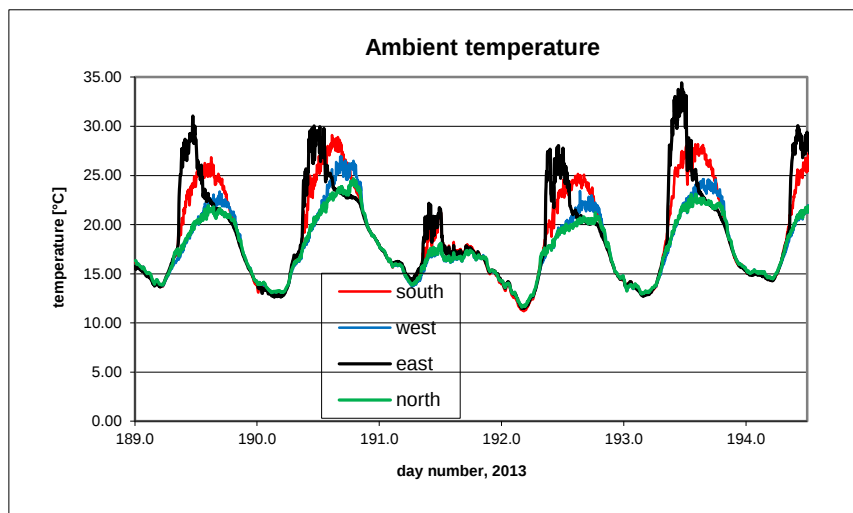
B3.14. Total vertical solar radiations on the facades and on the south facing roof.



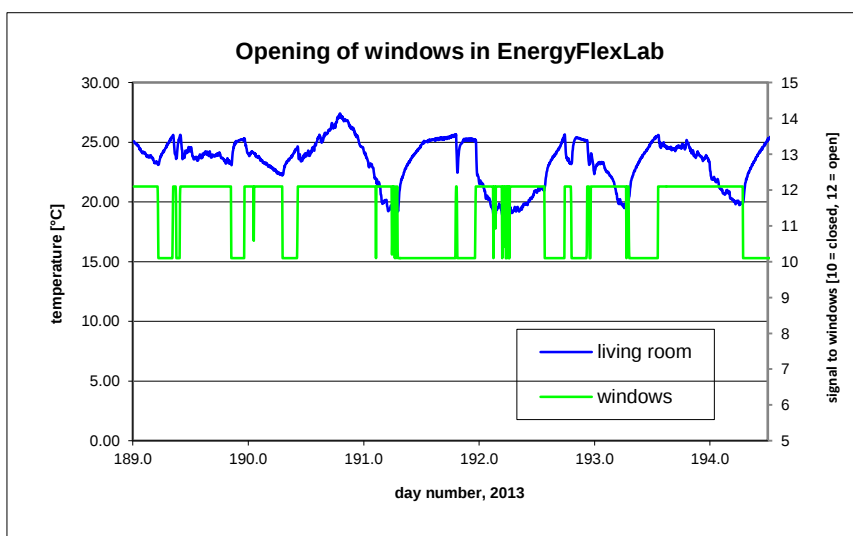
B3.15. Wind direction and wind speed.



B3.16. Ambient temperature.

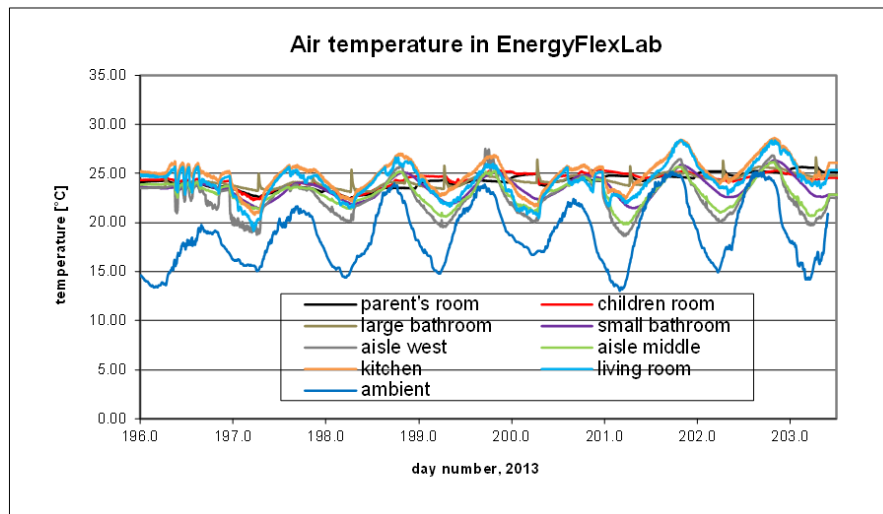


B3.17. Ambient temperature at the facades.

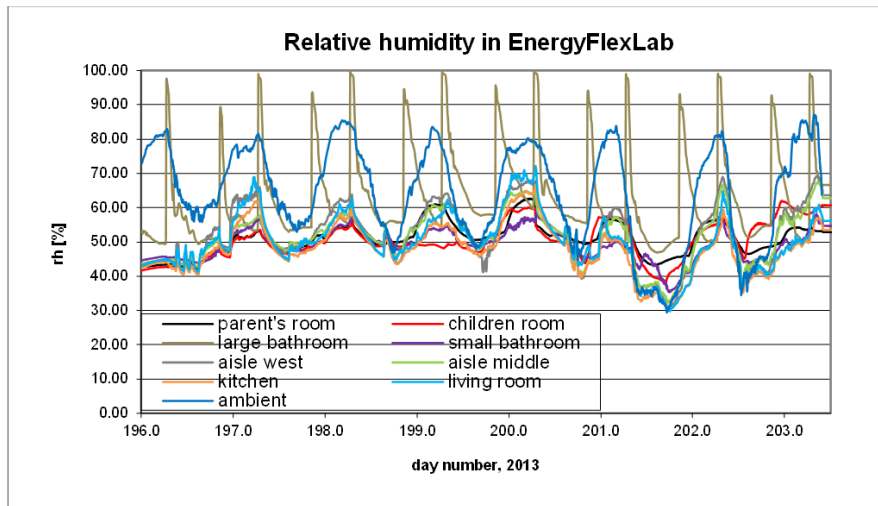


B3.18. Opening of windows.

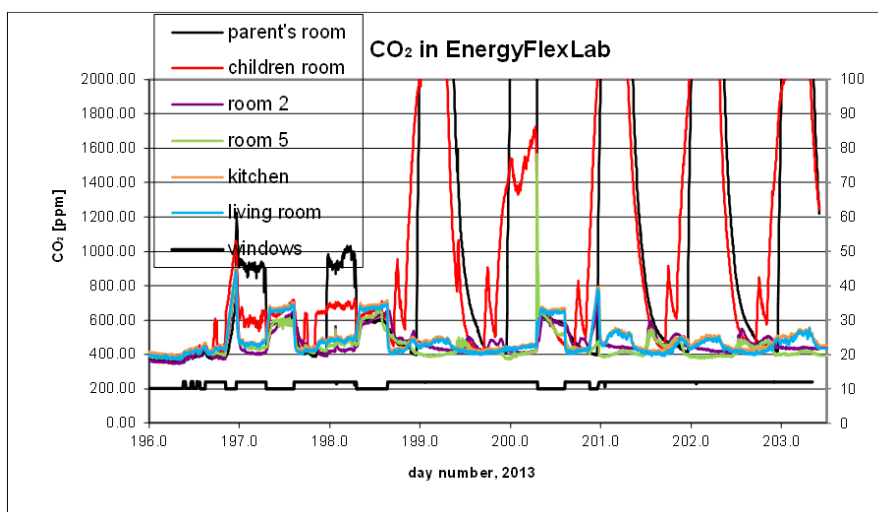
Experiment 4



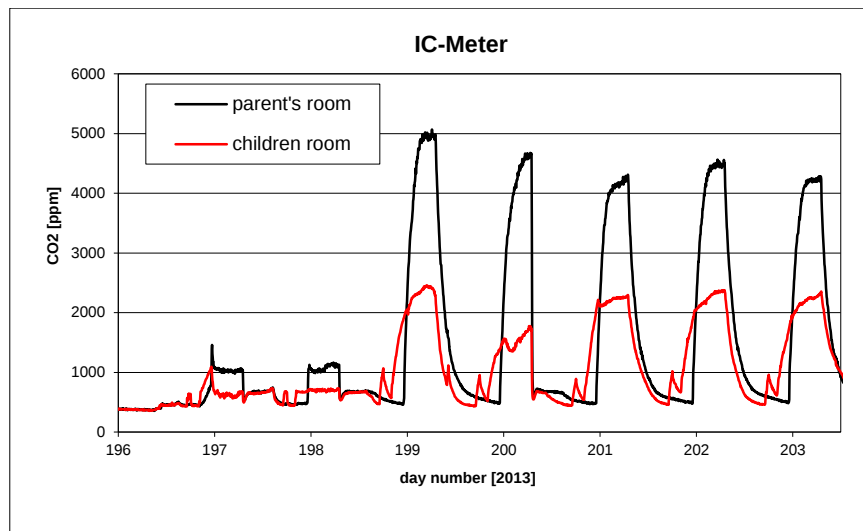
B4.1. Ambient and room temperatures in the house.



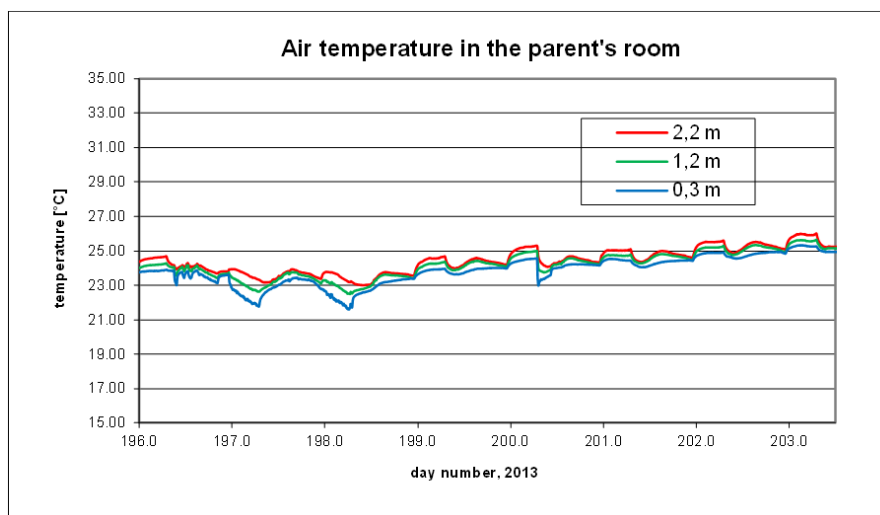
B4.2. Relative humidity in the house and ambient.



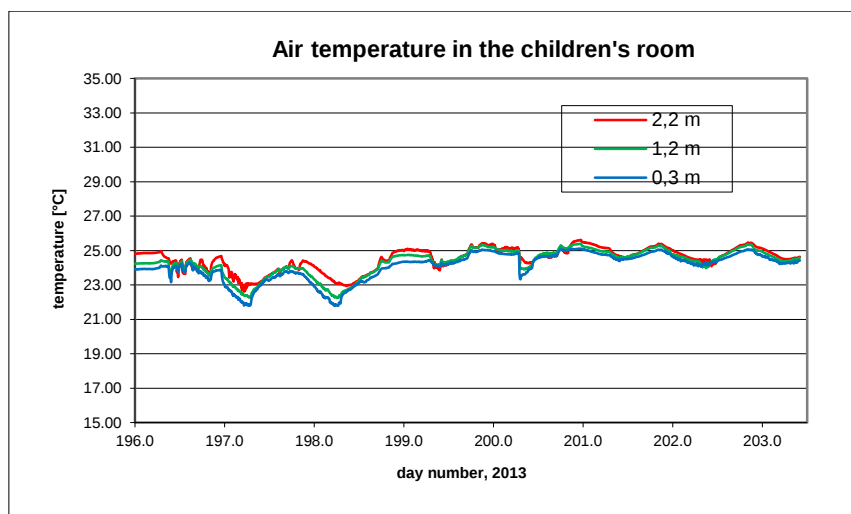
B4.3. CO₂ concentration in the house measured with Vaisala.



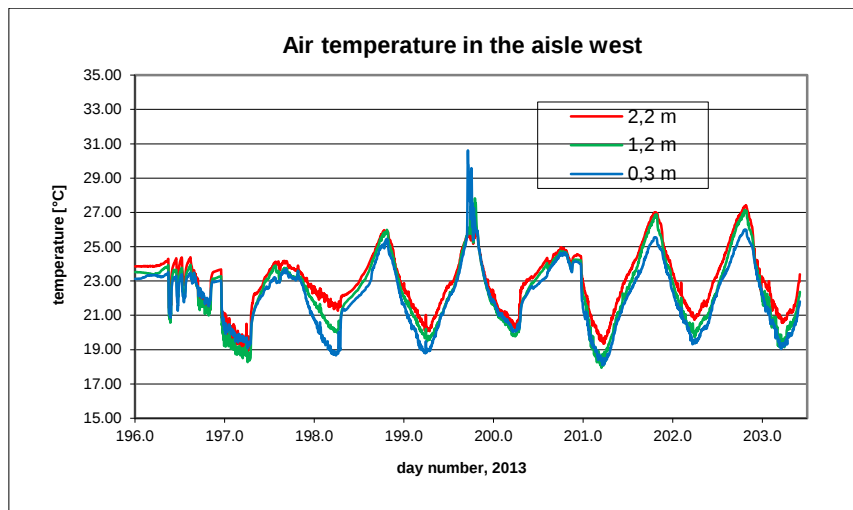
B4.4. CO₂ concentration in the house measured with IC-meters.



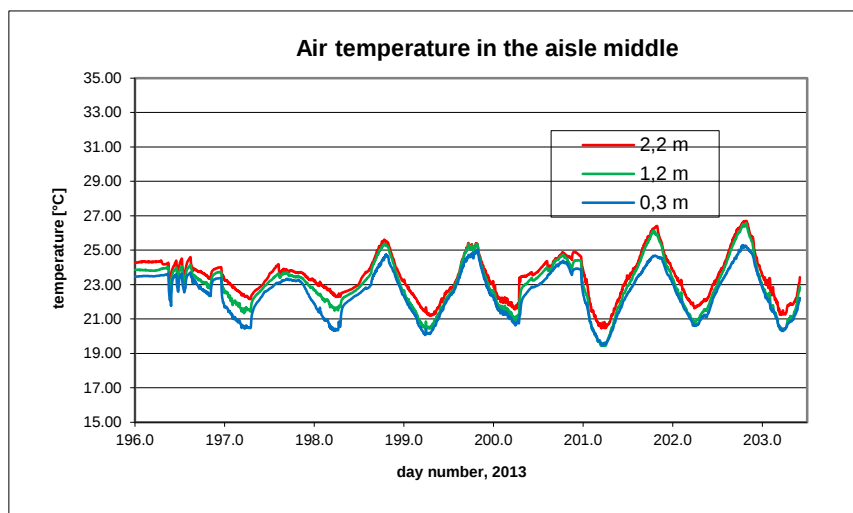
B4.5. Room temperatures in the parents' room.



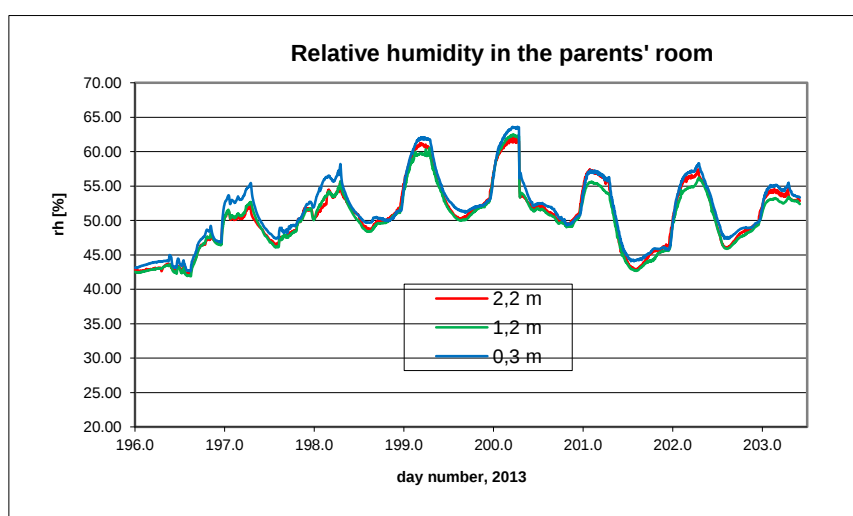
B4.6. Room temperatures in the children's room.



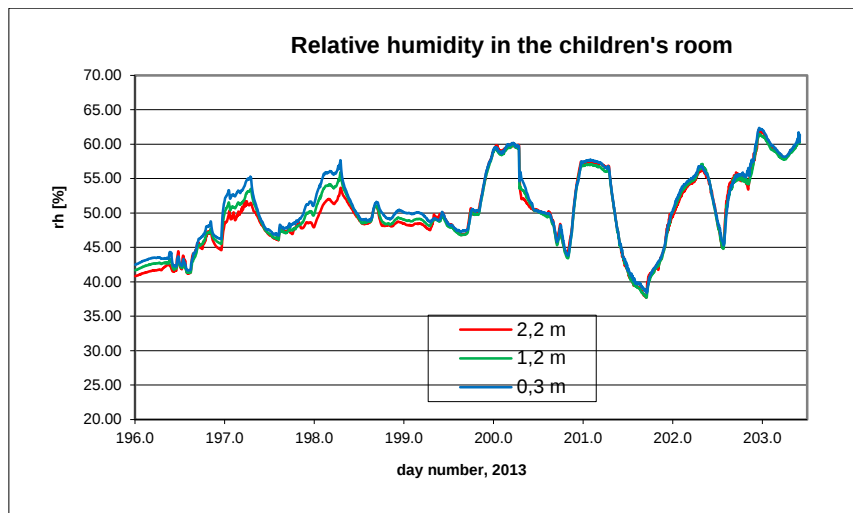
B4.7. Room temperature in the western part of the aisle.



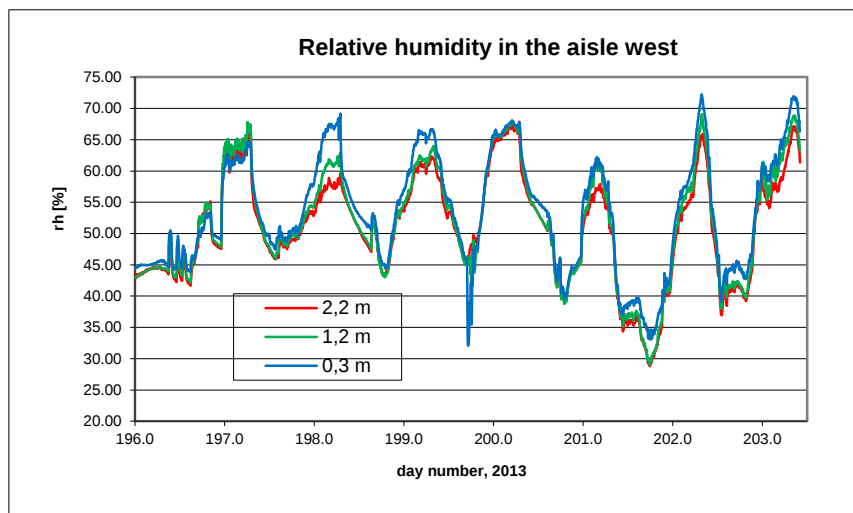
B4.8. Room temperature in the middle of the aisle.



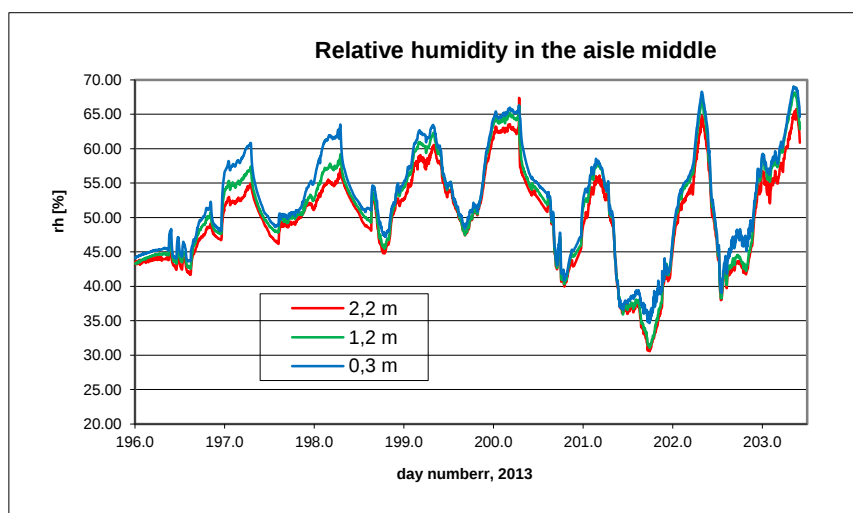
B4.9. Relative humidity in the parents' room.



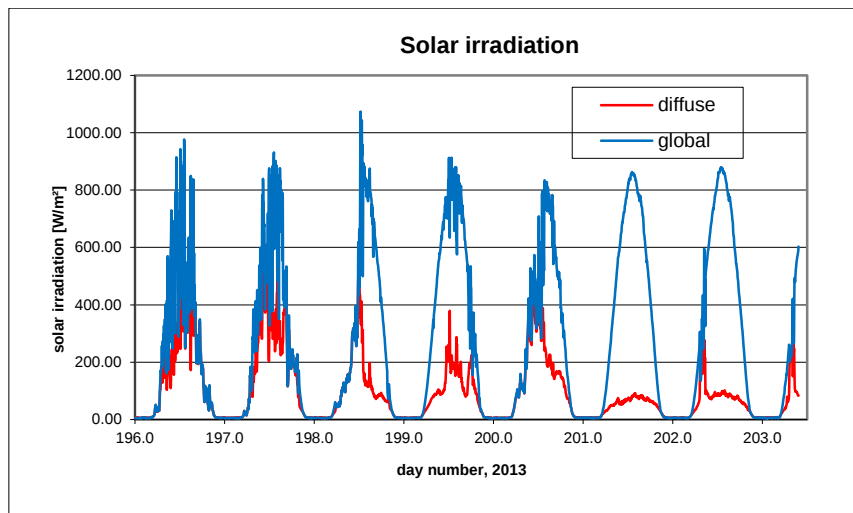
B4.10. Relative humidity in the children's room.



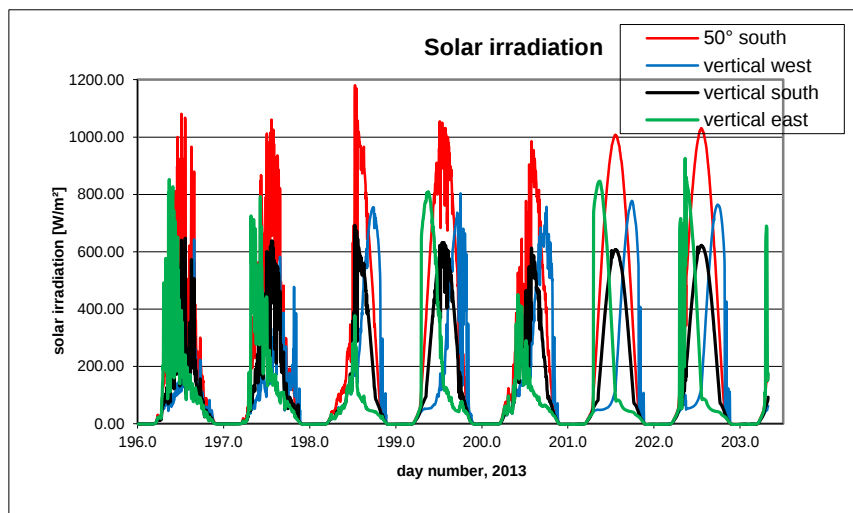
B4.11. Relative humidity in the western part of the aisle.



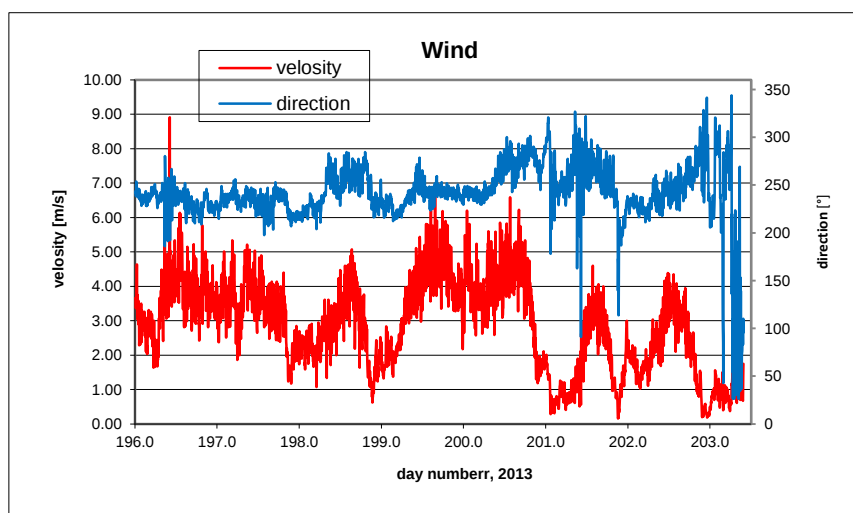
B4.12. Relative humidity in the middle of the aisle.



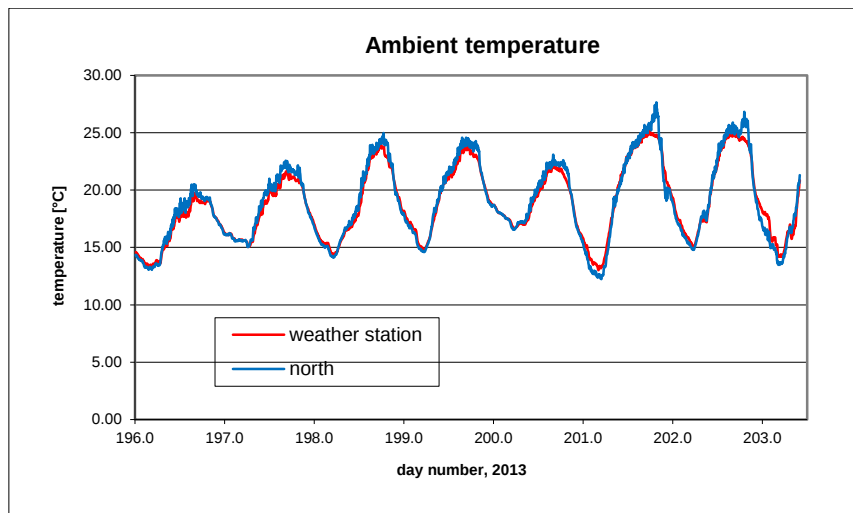
B4.13. Global and diffuse solar radiation.



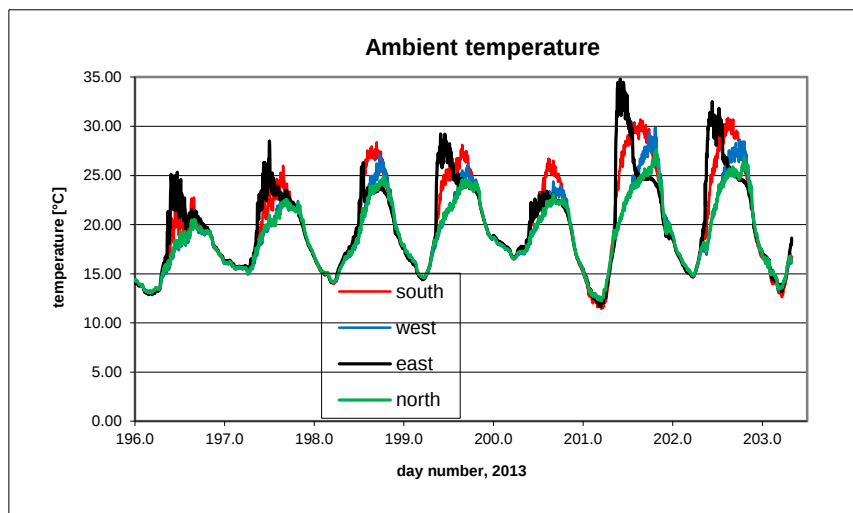
B4.14. Total vertical solar radiations on the facades and on the south facing roof.



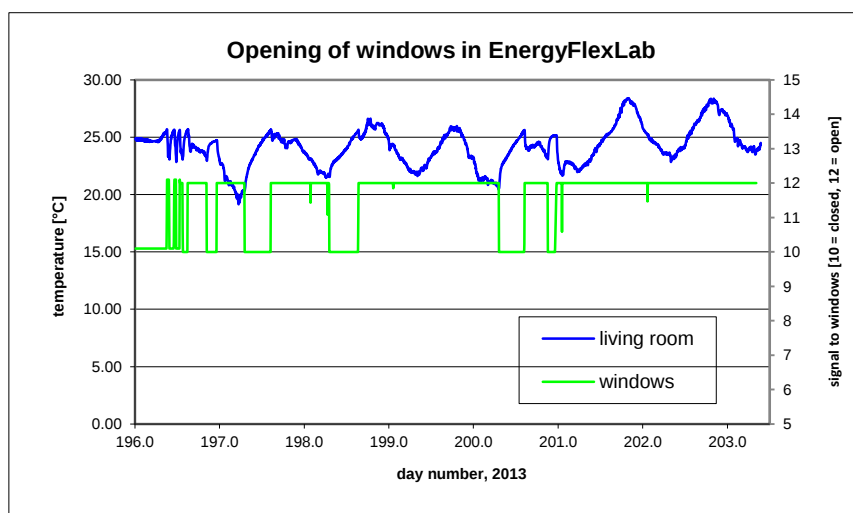
B4.15. Wind direction and wind speed.



B4.16. Ambient temperature.

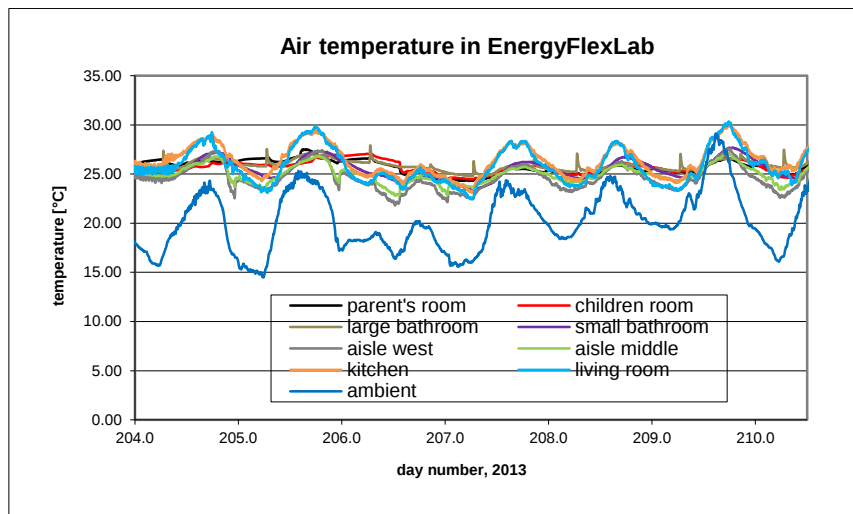


B4.17. Ambient temperature at the facades.

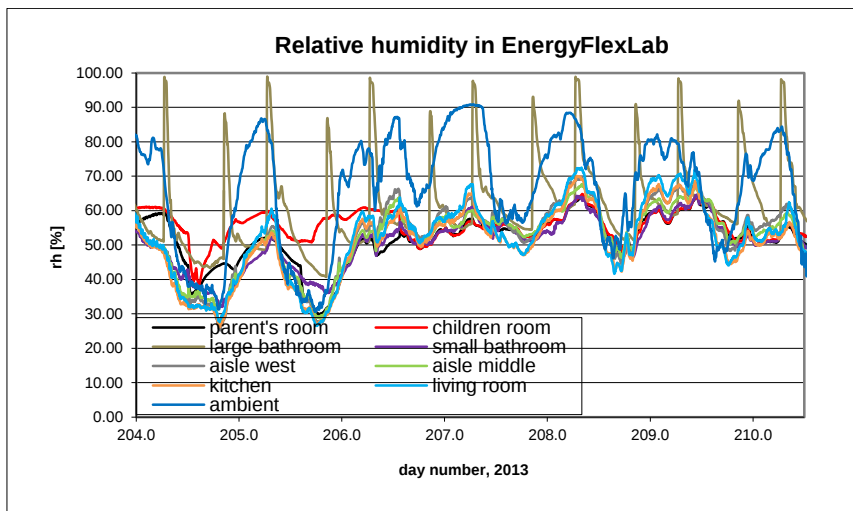


B4.18. Opening of windows.

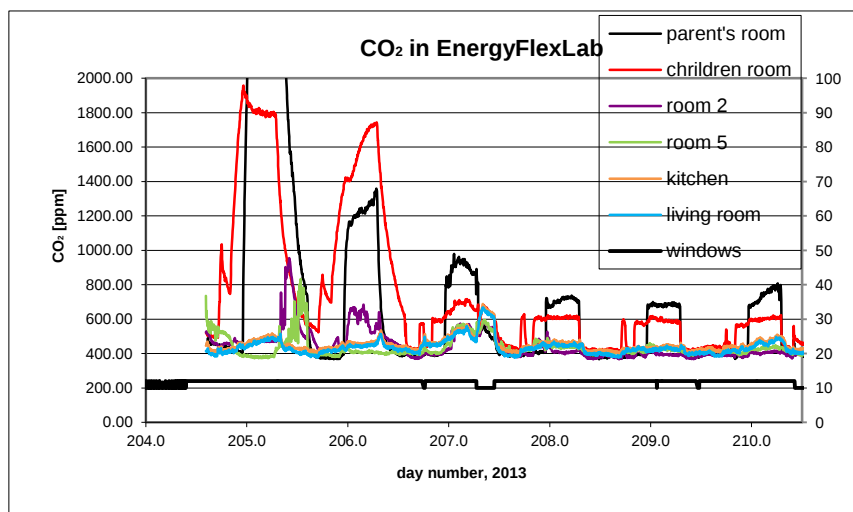
Experiment 5



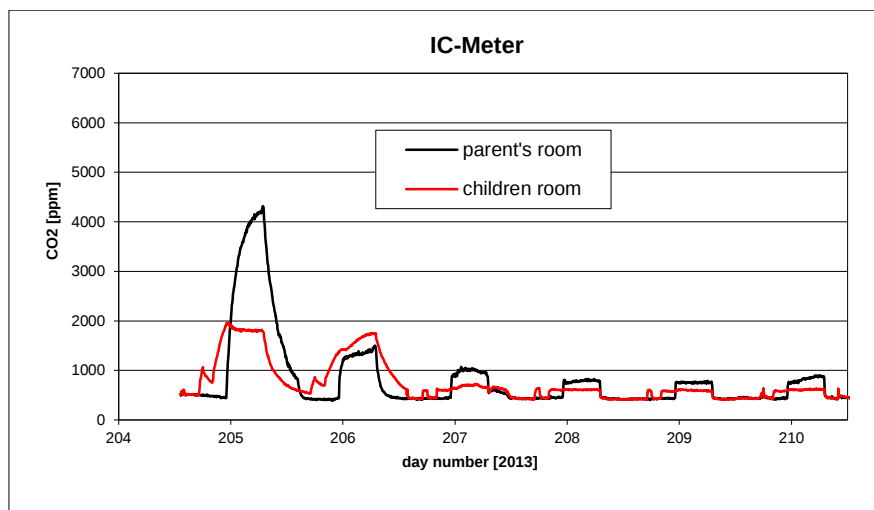
B5.1. Ambient and room temperatures in the house.



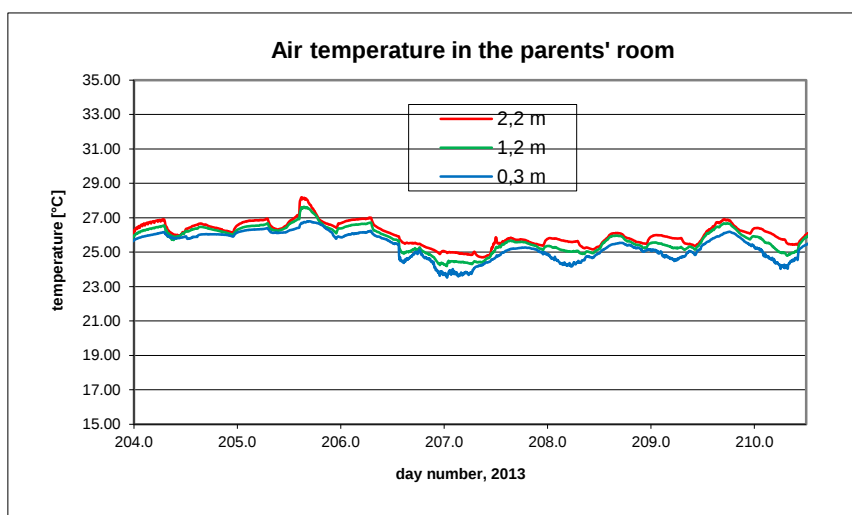
B5.2. Relative humidity in the house and ambient.



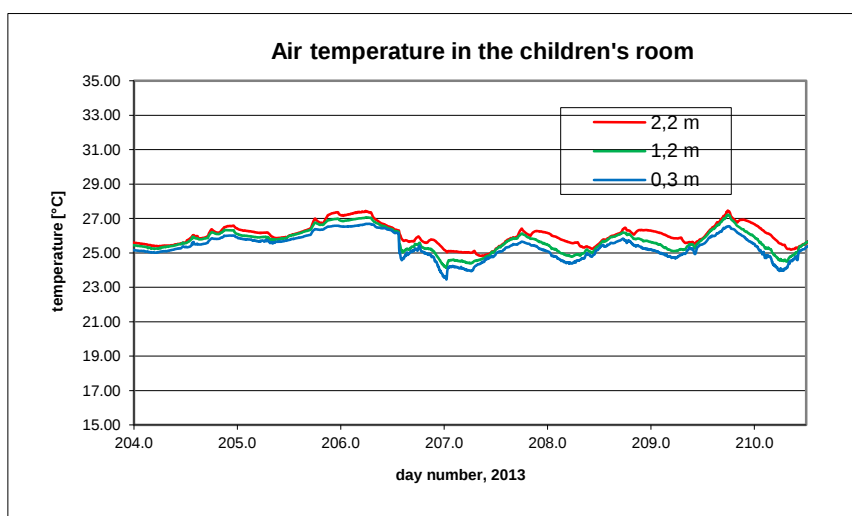
B5.3. CO₂ concentration in the house measured with Vaisala.



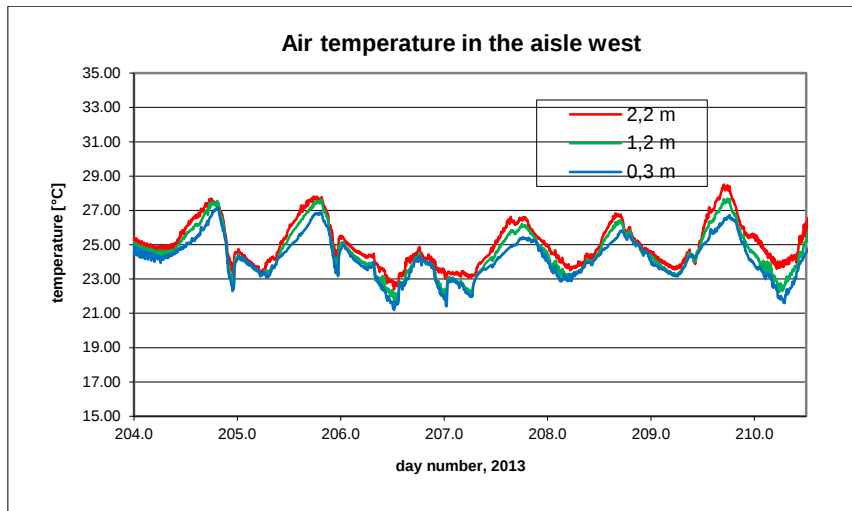
B5.4. CO₂ concentration in the house measured with IC-meters.



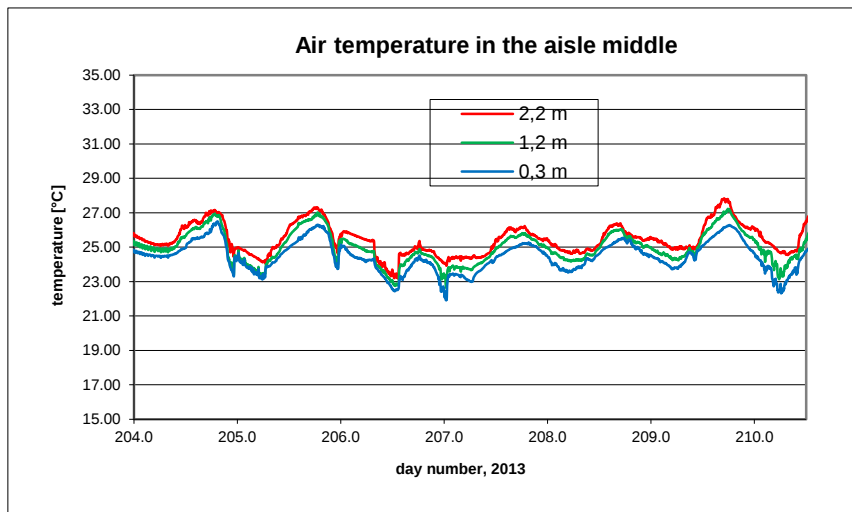
B5.5. Room temperatures in the parents' room.



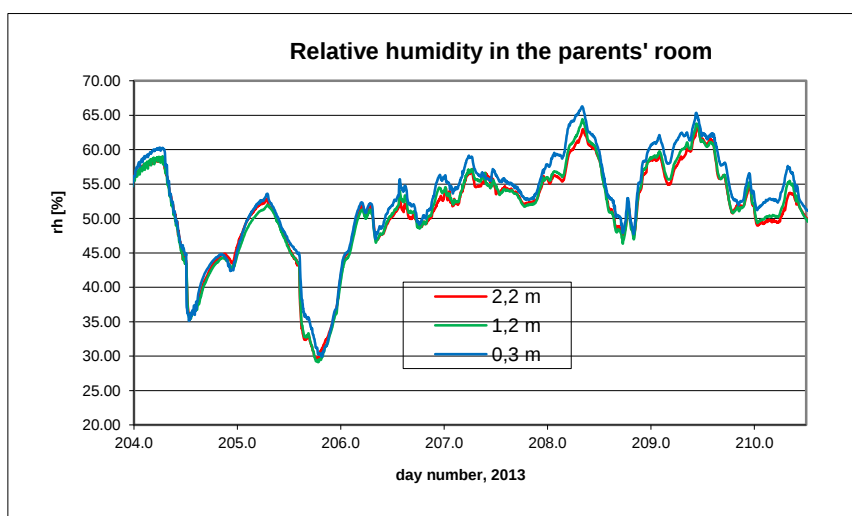
B5.6. Room temperatures in the children's room.



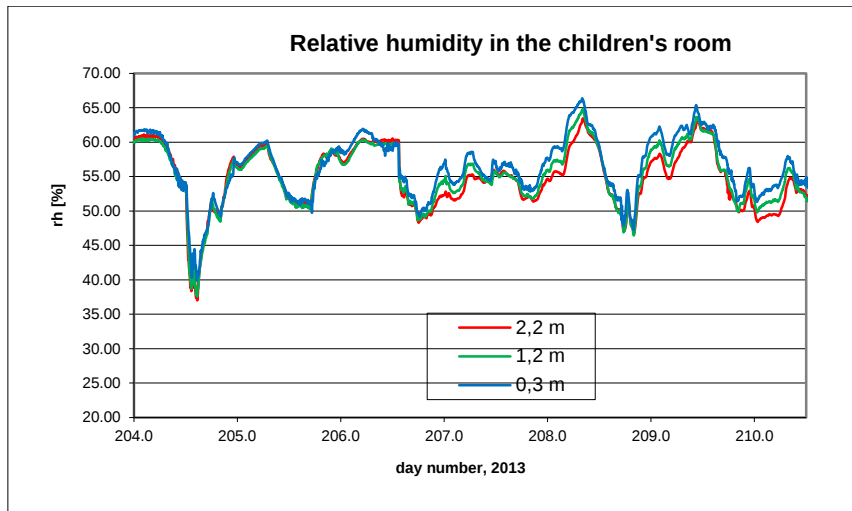
B5.7. Room temperature in the western part of the aisle.



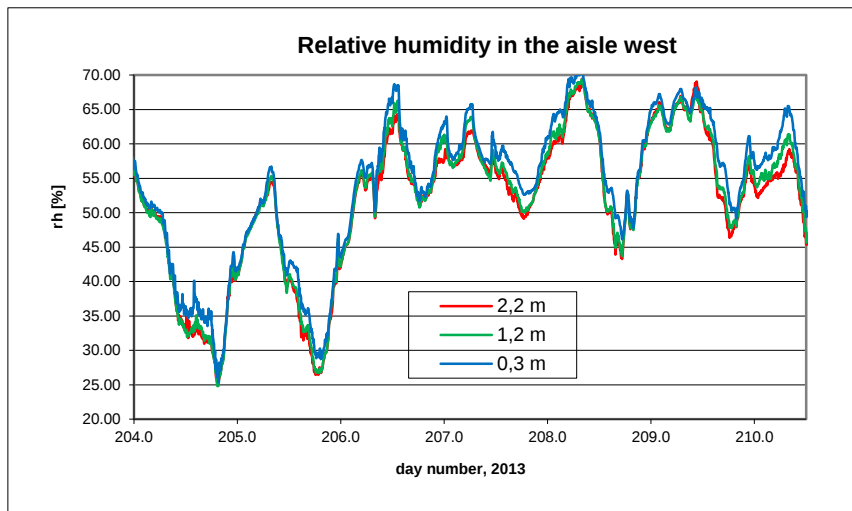
B5.8. Room temperature in the middle of the aisle.



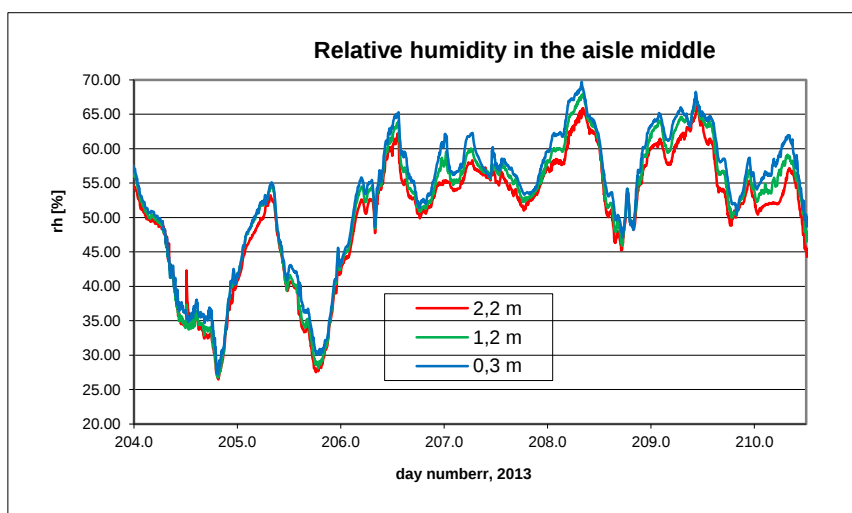
B5.9. Relative humidity in the parents' room.



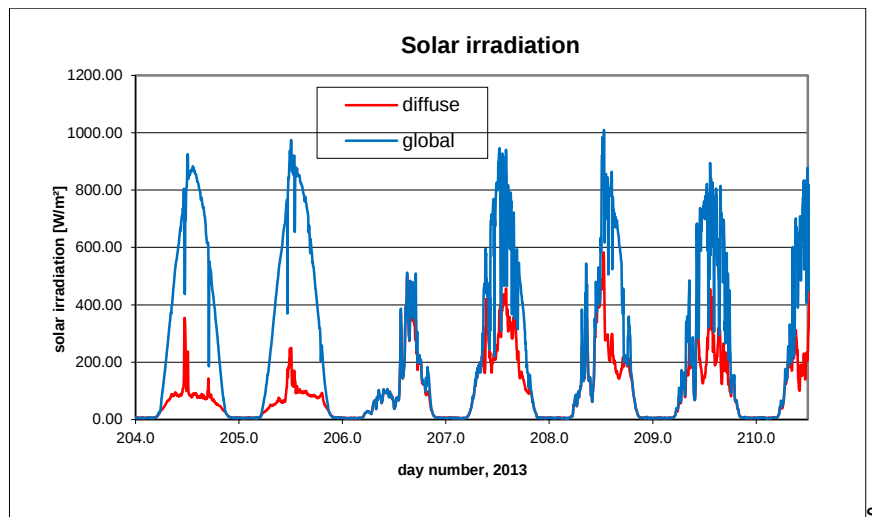
B5.10. Relative humidity in the children's room.



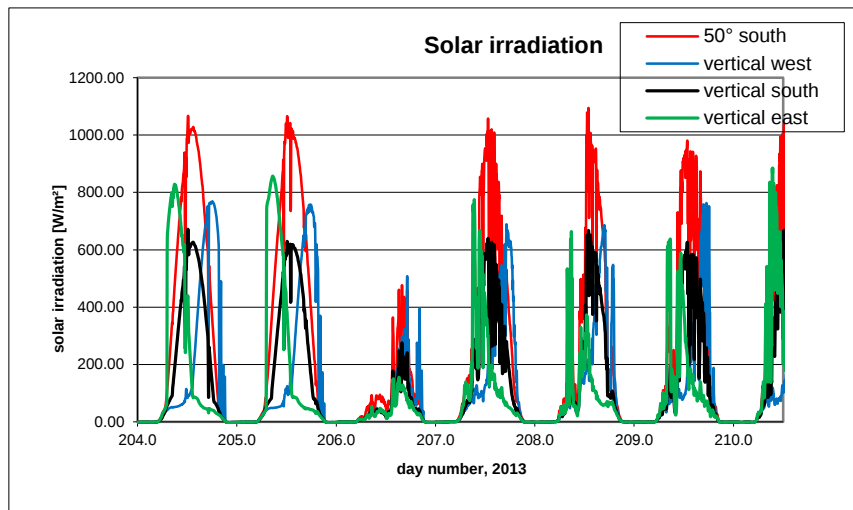
B5.11. Relative humidity in the western part of the aisle.



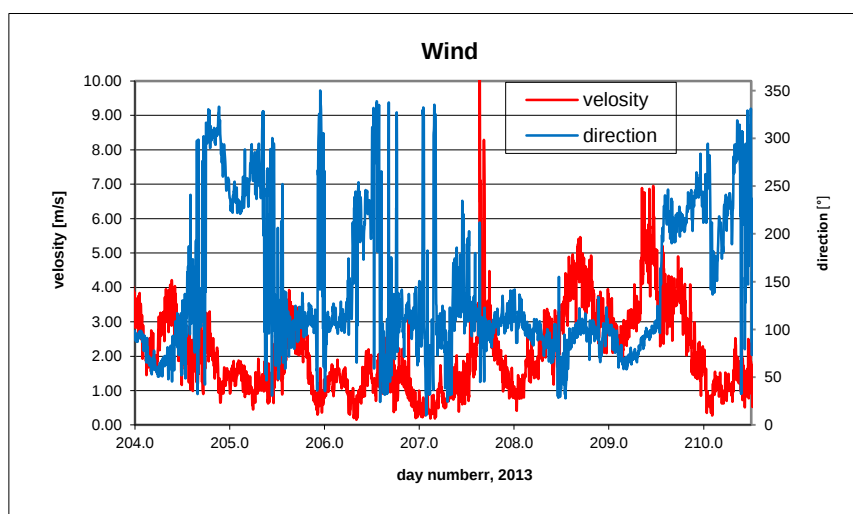
B5.12. Relative humidity in the middle of the aisle.



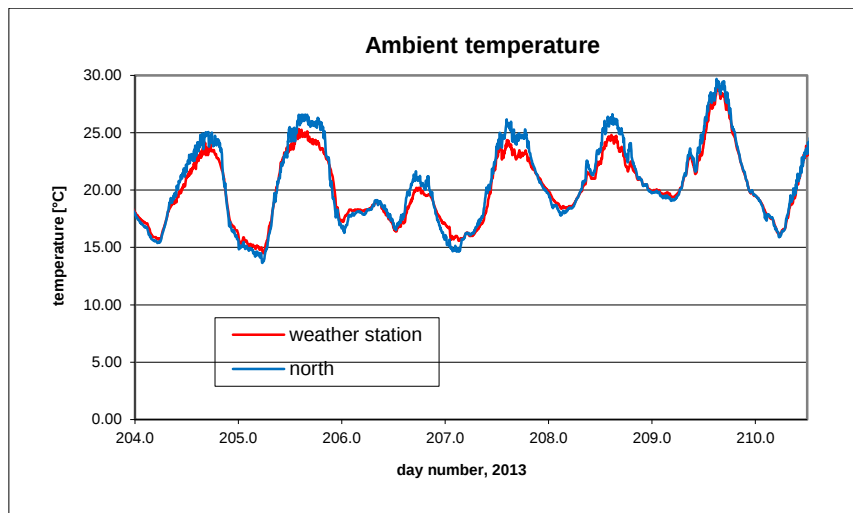
B5.13. Global and diffuse solar radiation.



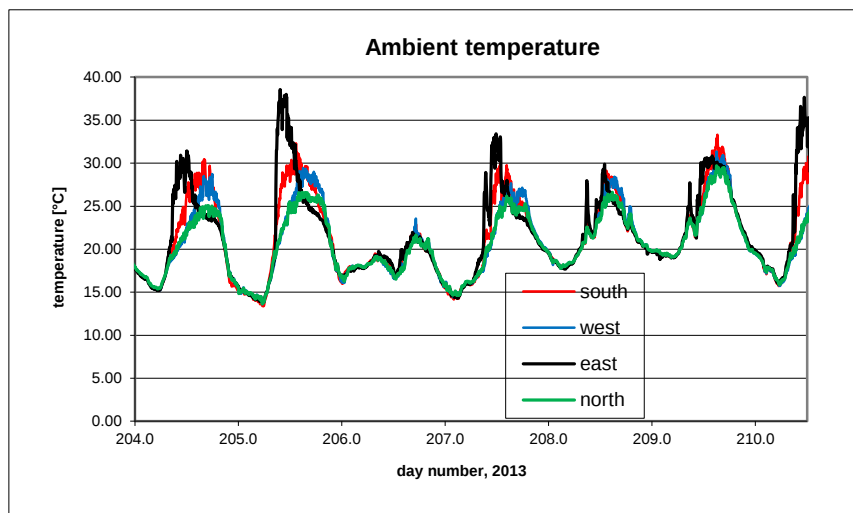
B5.14. Total vertical solar radiations on the facades and on the south facing roof.



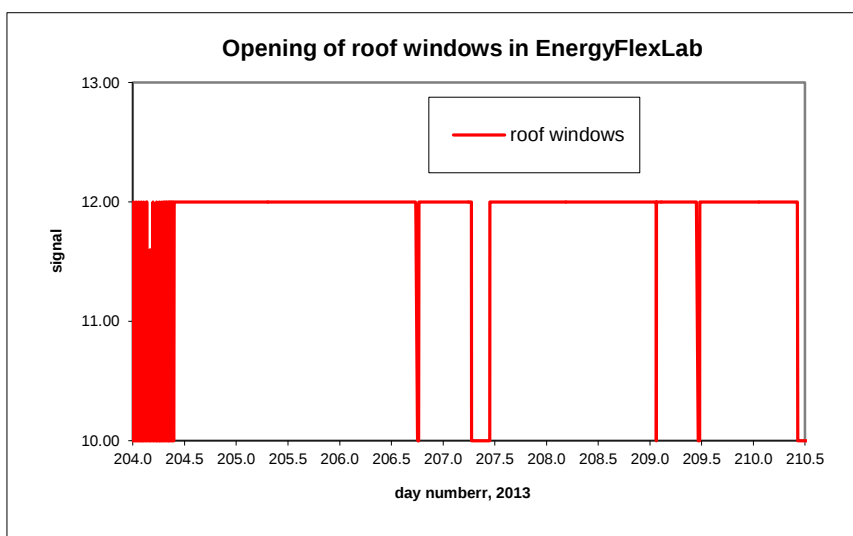
B5.15. Wind direction and wind speed.



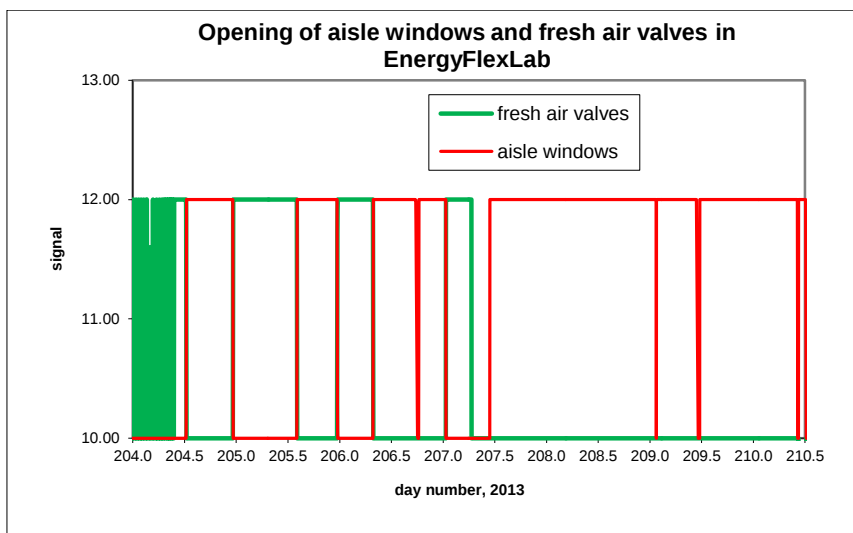
B5.16. Ambient temperature.



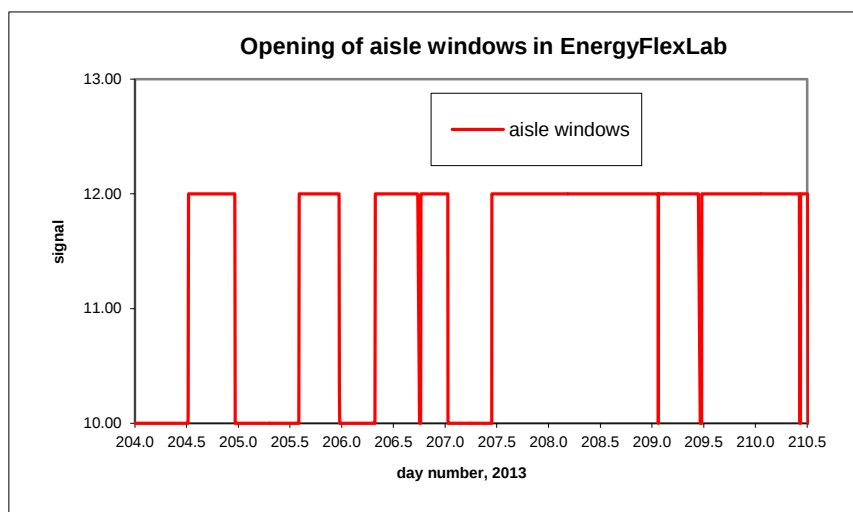
B5.17. Ambient temperature at the facades.



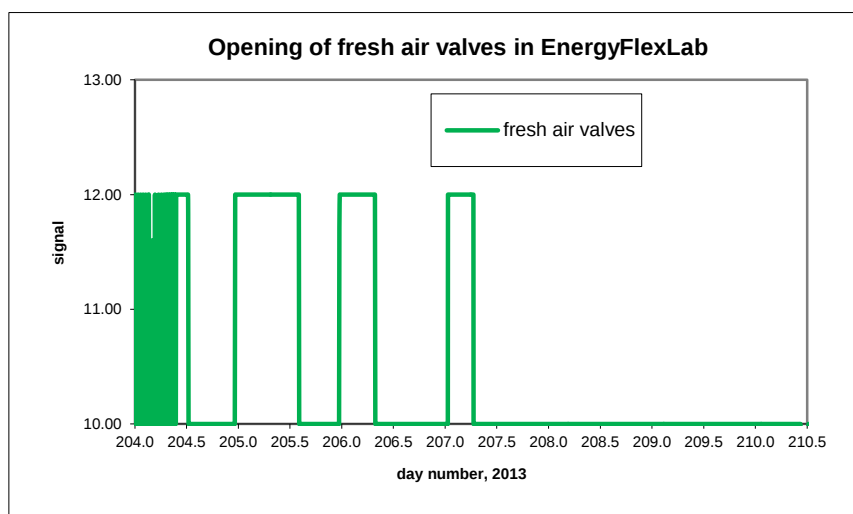
B5.18. Opening of roof windows.



B5.19. Opening of aisle windows and fresh air valves.

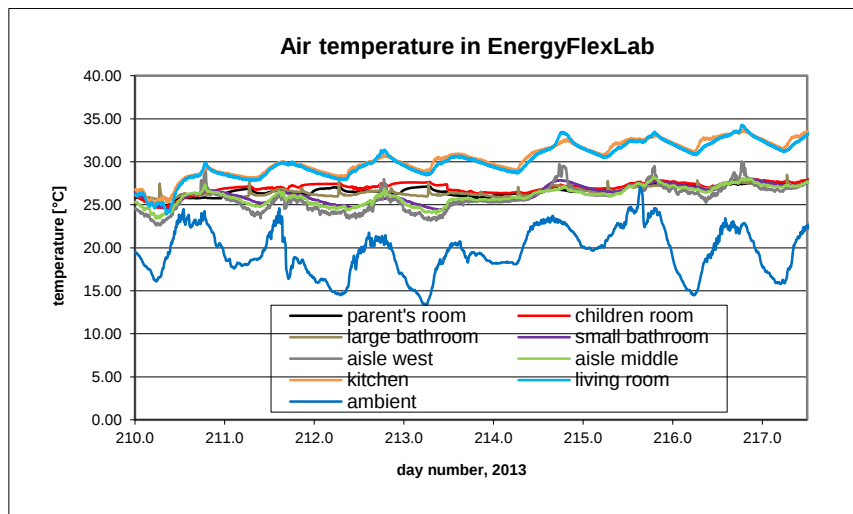


B5.20. Opening of aisle windows.

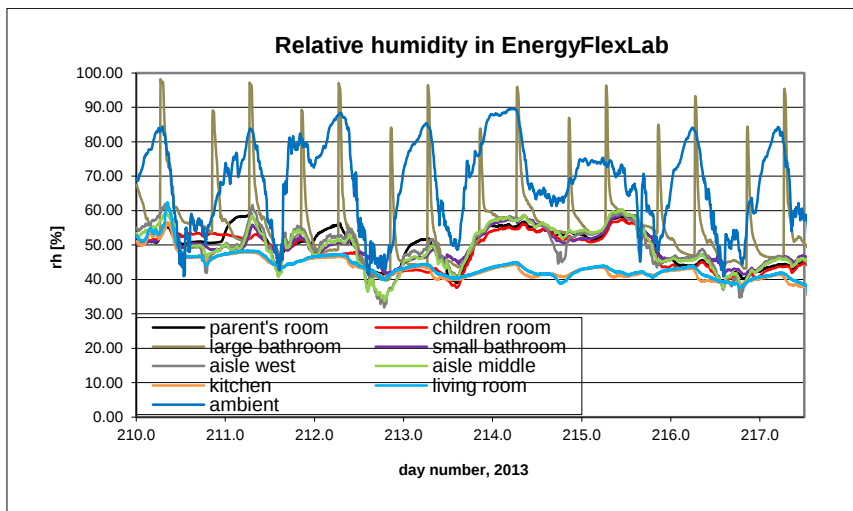


B5.21. Opening of fresh air valves.

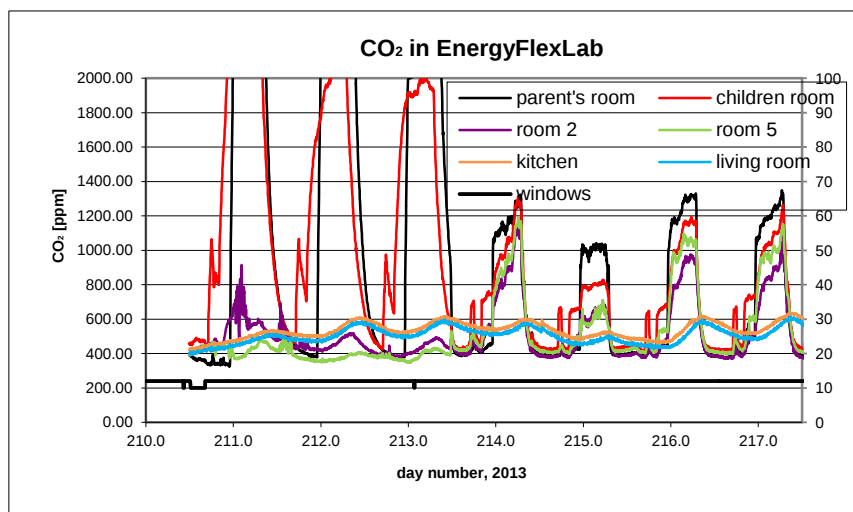
Experiment 6



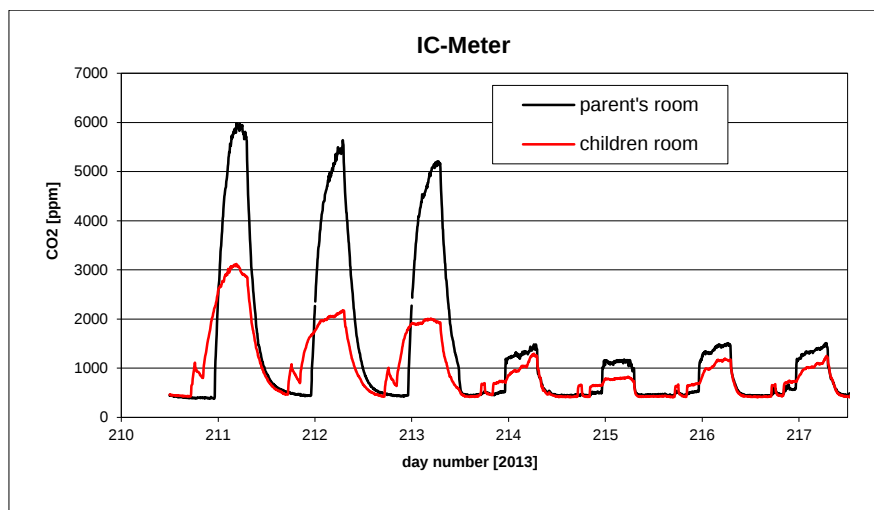
B6.1. Ambient and room temperatures in the house.



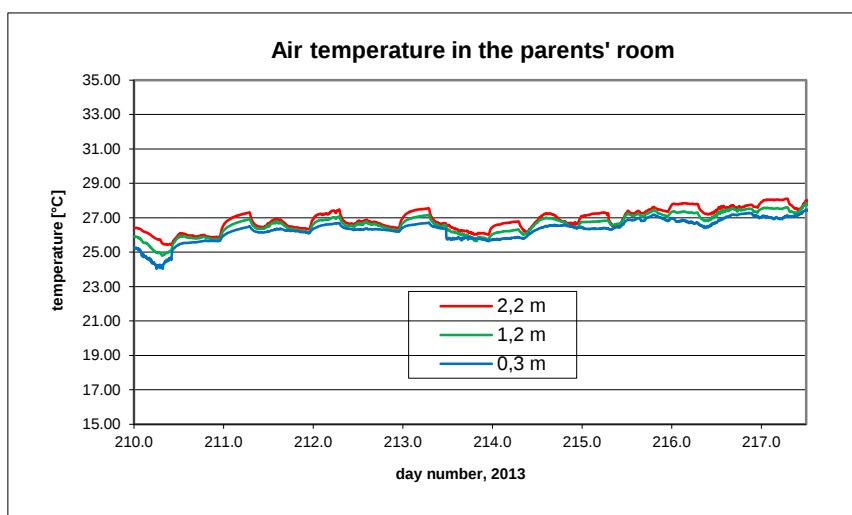
B6.2. Relative humidity in the house and ambient.



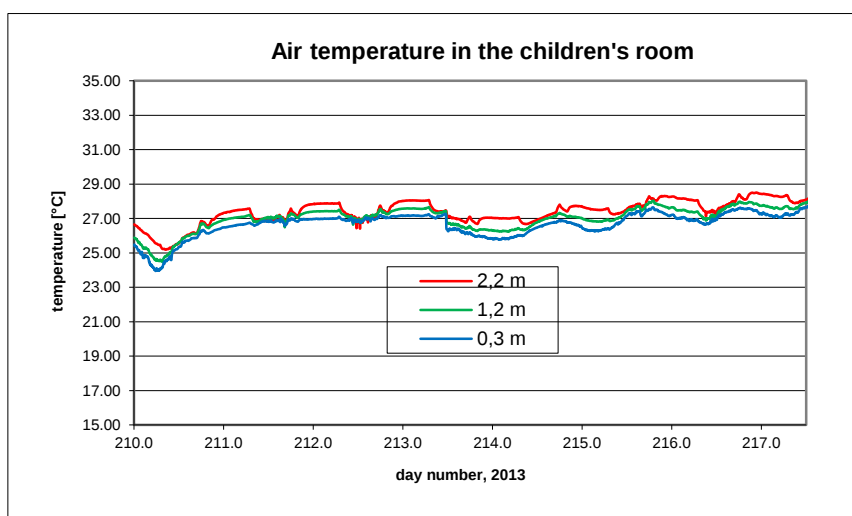
B6.3. CO₂ concentration in the house measured with Vaisala.



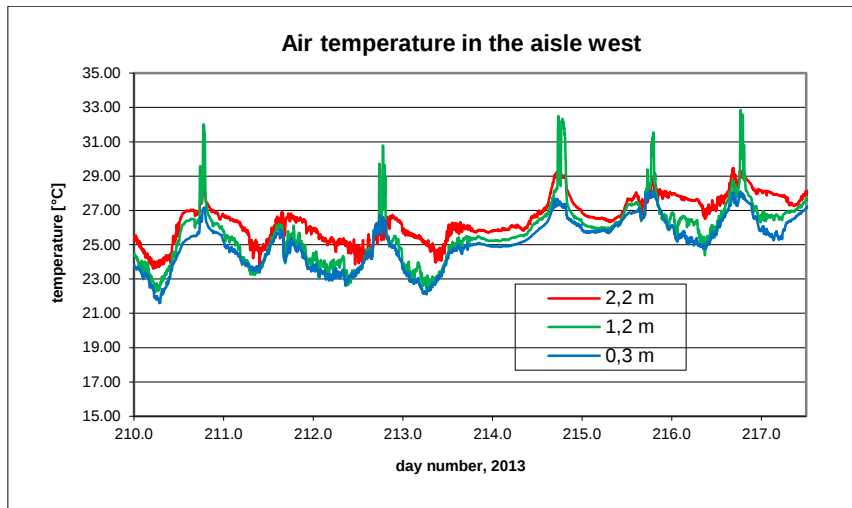
B6.4. CO₂ concentration in the house measured with IC-meters.



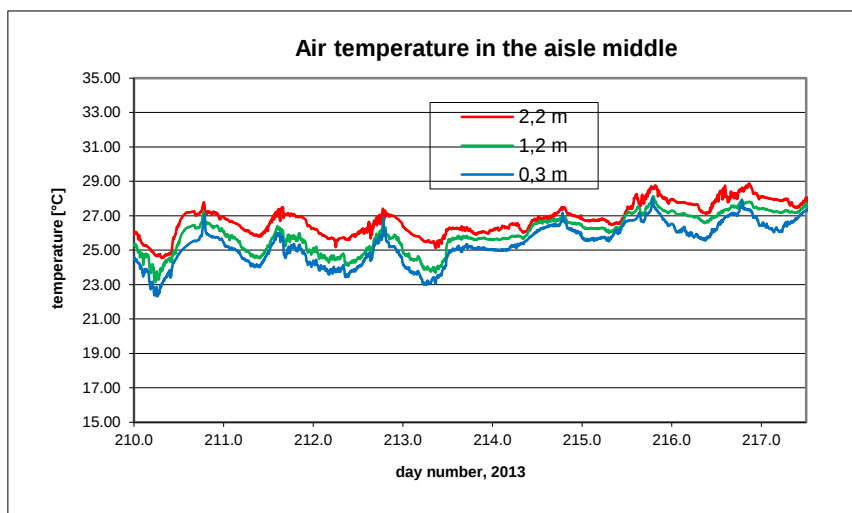
B6.5. Room temperatures in the parents' room.



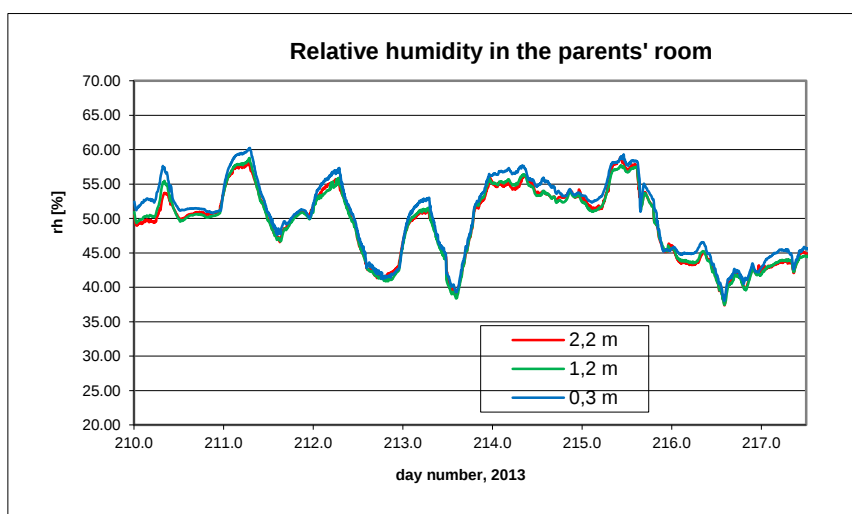
B6.6. Room temperatures in the children's room.



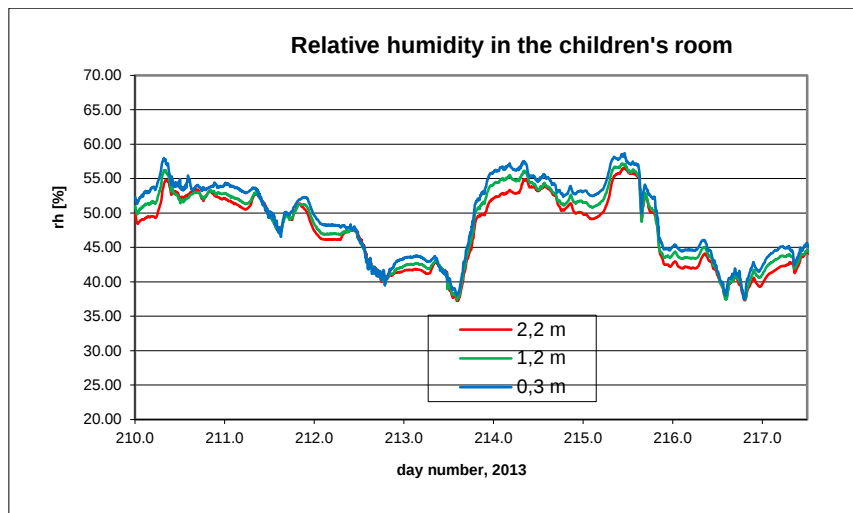
B6.7. Room temperature in the western part of the aisle.



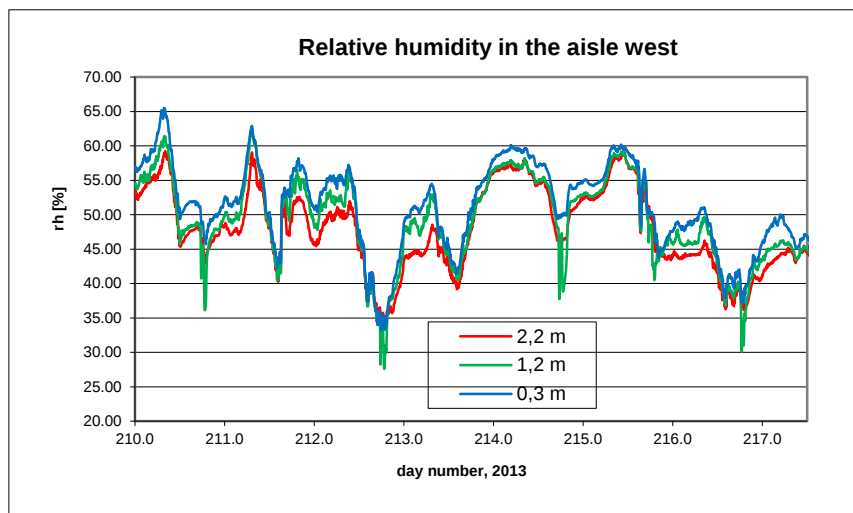
B6.8. Room temperature in the middle of the aisle.



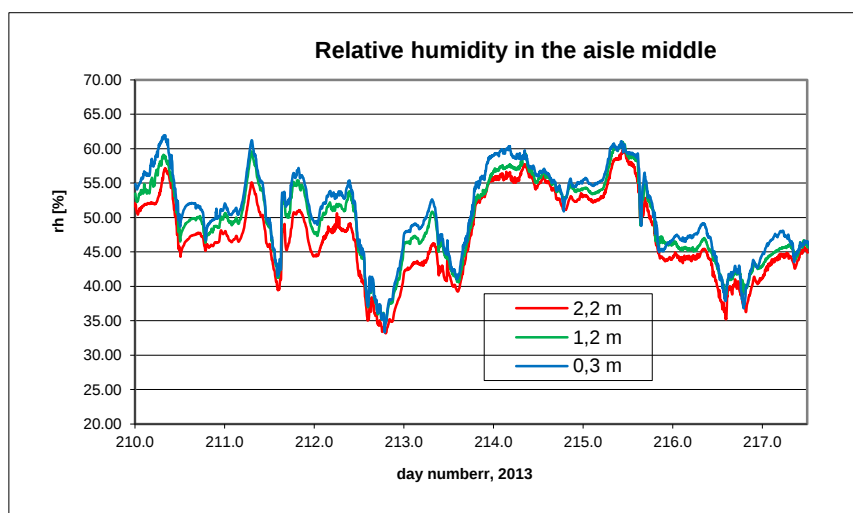
B6.9. Relative humidity in the parents' room.



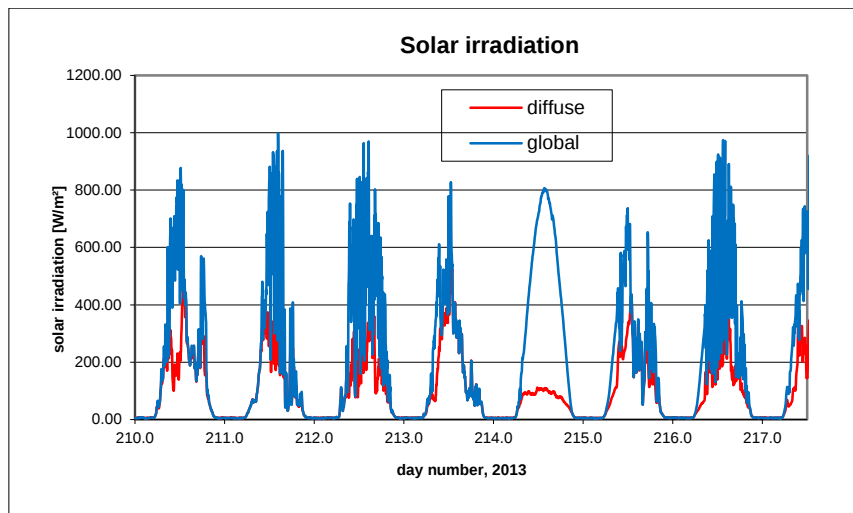
B6.10. Relative humidity in the children's room.



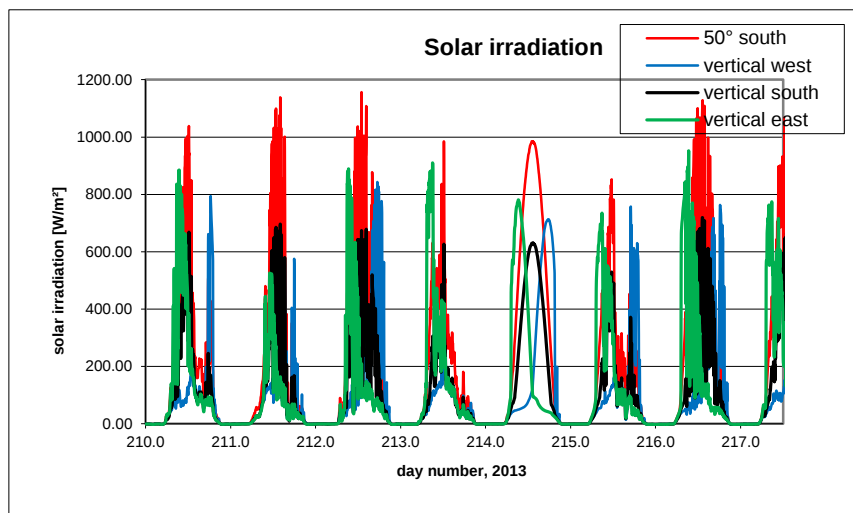
B6.11. Relative humidity in the western part of the aisle.



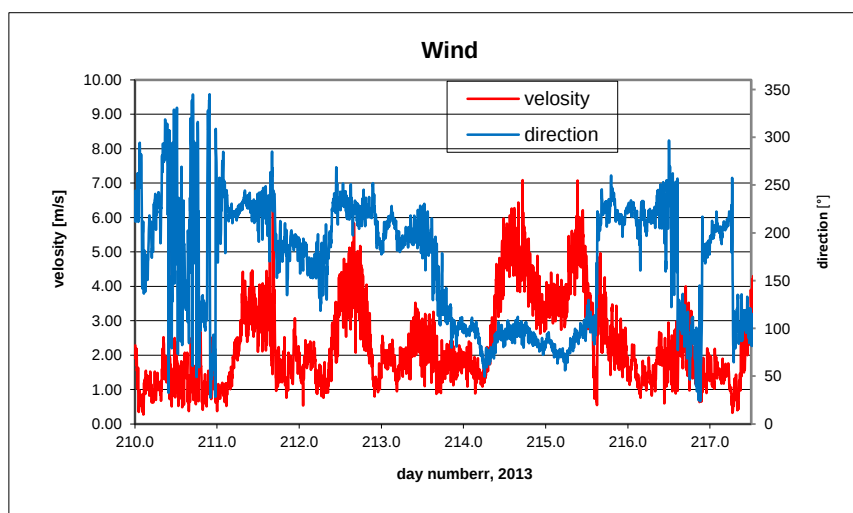
B6.12. Relative humidity in the middle of the aisle.



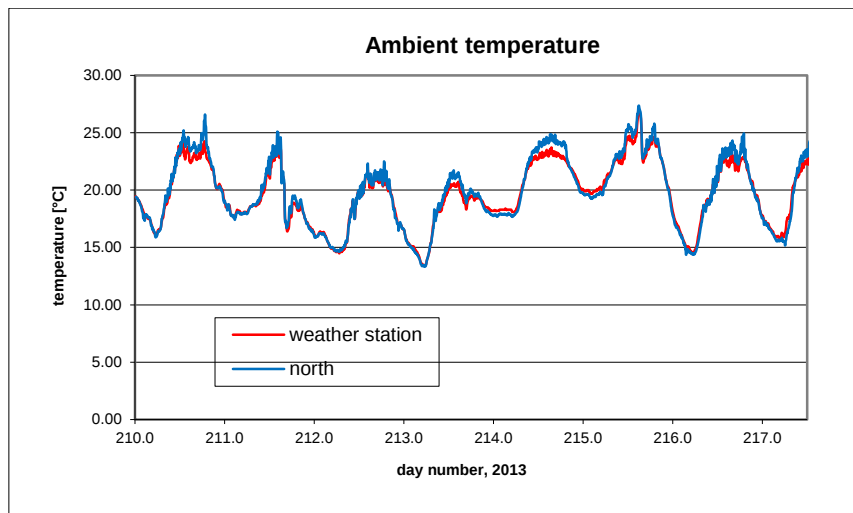
B6.13. Global and diffuse solar radiation.



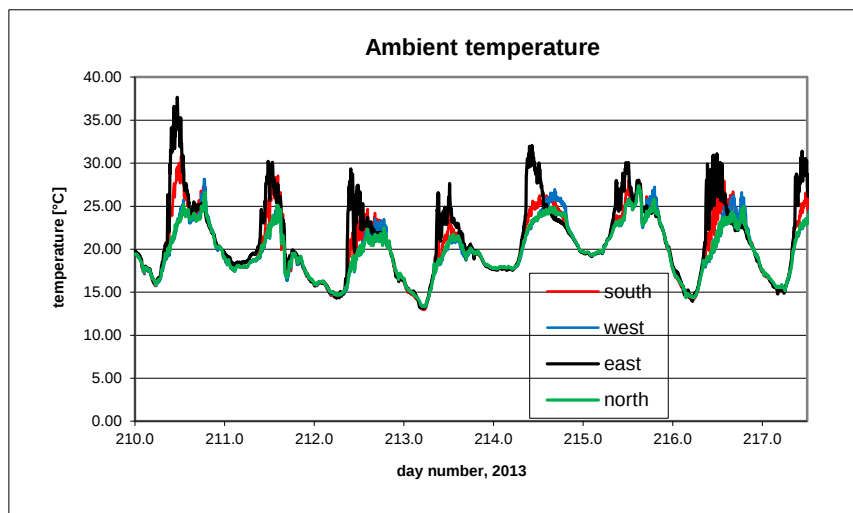
B6.14. Total vertical solar radiations on the facades and on the south facing roof.



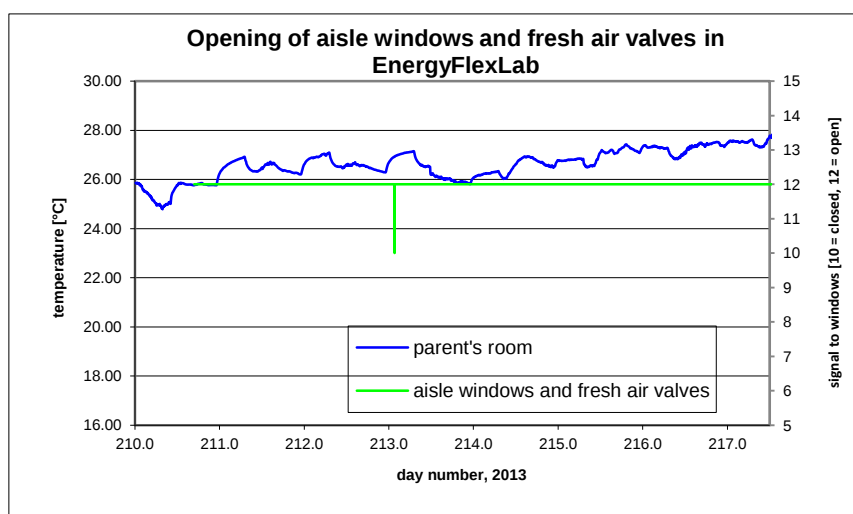
B6.15. Wind direction and wind speed.



B6.16. Ambient temperature.



B6.17. Ambient temperature at the facades.



B6.18. Opening of windows and fresh air valves.