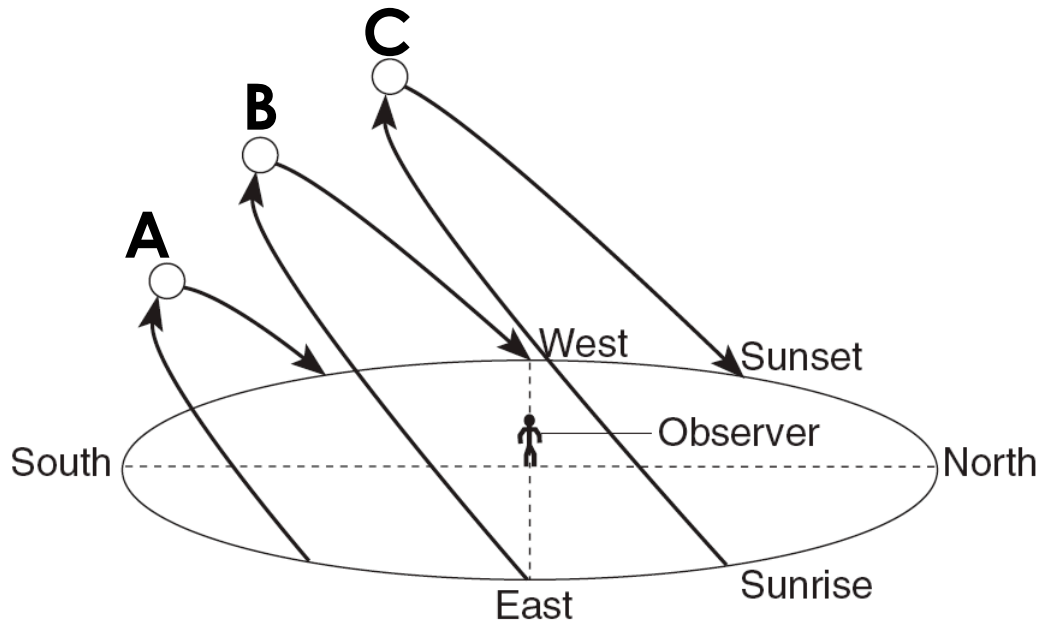


Sun's Path in New York State



Directions: Match the letter of the path with the statement

1. _____ Summer time path
2. _____ Winter time path
3. _____ Spring and Fall path
4. _____ Sun rises in South-east
5. _____ Sun rises in North-east
6. _____ Sun rises exactly East
7. _____ Highest noon time sun
8. _____ Lowest noon time sun
9. _____ Longest noon shadow with lowest angle of insolation
10. _____ Shortest noon shadow with highest angle of insolation
11. _____ Longest amount of daylight
12. _____ Shortest amount of daylight
13. _____ Sun sets in South-west
14. _____ Sun sets in North-west
15. _____ Sun sets exactly west
16. _____ Sun is out for 9 hours and is about 17.5 degrees above horizon
17. _____ Sun is out for 12 hours and is about 41 degrees above horizon
18. _____ Sun is out for 15 hours and is about 64.5 degrees above horizon
19. What direction do you look to see the noon sun? _____
20. What direction does the sun rise and set? _____
21. What direction does your noon time shadow point? _____
22. What direction does your morning time shadow point? _____
23. What direction does your evening shadow point? _____
24. From sunrise to noon, what happens to size of shadows? _____
25. From noon to sunset, what happens to size of shadows? _____