

To calculate Anomalous GemS – EMF Score:

Calculate each line below following equation then sum all resultant values together to obtain score. If the Survey is completed online and a valid email is provided the score will be calculated and sent to you. Score 0-2999: Low EMF; 3000-5999: Medium EMF; 6000 and greater: High EMF. (V20260913)

12. $10 \times \text{Latitude} =$ _____
13. $\text{Longitude} / 10 =$ _____
14. $10 \times \text{Kp Index} =$ _____
15. $\text{Abs}(10 \times \text{Cosmic Ray Count}) =$ _____ (Abs means any negative sign is ignored)
16. $\text{Magnetometer Range nT} =$ _____
17. If Search Coil Spikes is Yes then enter 100 else 0 = _____
18. If Pc1 Pulsations is Yes then enter 100 else 0 = _____
19. Search Coil Description _____
20. Sunspot Counts = _____
21. Max Temperature in F = _____
22. $10 \times (\text{Max Temp} - \text{Min Temp}) =$ _____
23. Relative Humidity % = _____
24. Cloud Cover % = _____
25. $50 \times \text{Precip (in)} =$ _____
26. $10 \times \text{Wind Speed mph} =$ _____
27. $\text{Seal Level Pressure (mb)} / 10 =$ _____
28. $1440 - (1440 \times (\text{Sunset} - \text{Sunrise})) =$ _____
29. Used in step 28 _____
30. $100 \times \text{Moon Phase} =$ _____
31. If Lightning is Yes then 100 else 0 = _____
32. $\text{Number Global Lightning Spikes} / 100 =$ _____
33. If Earthquakes is Yes then 100 else 0 = _____
34. $\text{Number of Global Earthquakes} =$ _____
35. $\text{WSPR Spots 20 meter} / 100 =$ _____
36. $\text{WSPR Spots -1 X (40 meter / 100)} =$ _____
37. $\text{Solar Wind Speed km/s} =$ _____
38. $\text{Solar Density protons/cm}^3 =$ _____
39. If Active Fault Lines is Yes then 100 else 0 = _____
40. If Ground Water and Springs is Yes then 100 else 0 = _____
41. If Quartz Deposits is Yes then 100 else 0 = _____
42. If Geomagnetic Anomalies is yes then 100 else 0 = _____
43. If Local Sidereal Time LST between 1245 – 1415 Yes then 100 else 0 = _____
- Sum = _____
44. $\text{GemS Score is Sum} / 1000 =$ _____