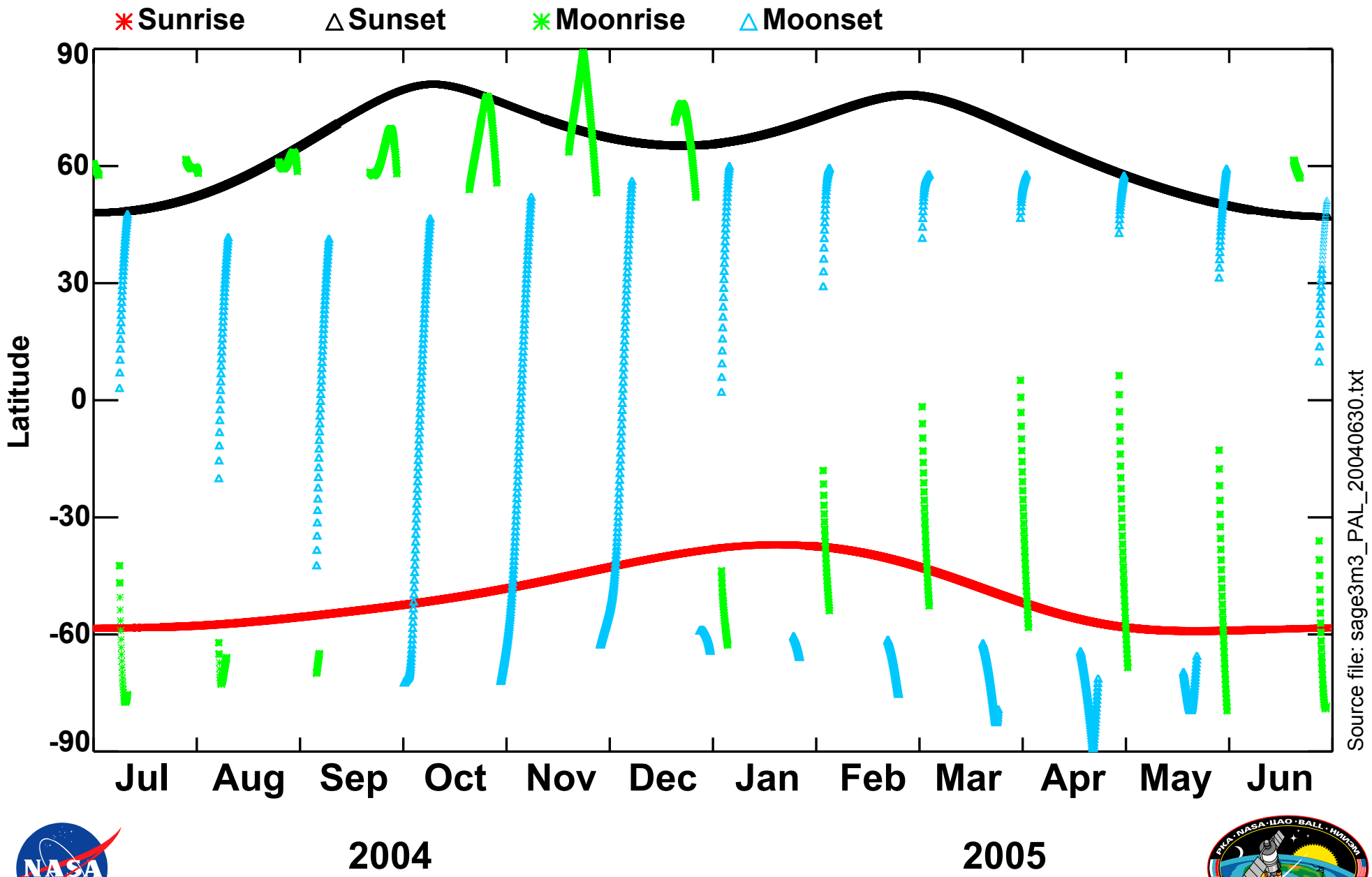SAGE III Predicted Measurement Locations