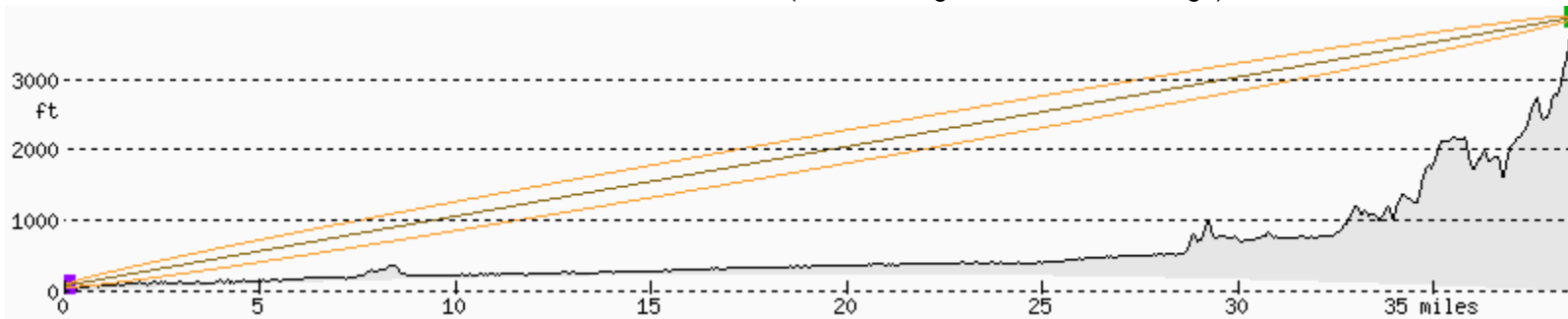


KPARN FRESNEL PATH – KP SOUTH BAY MC

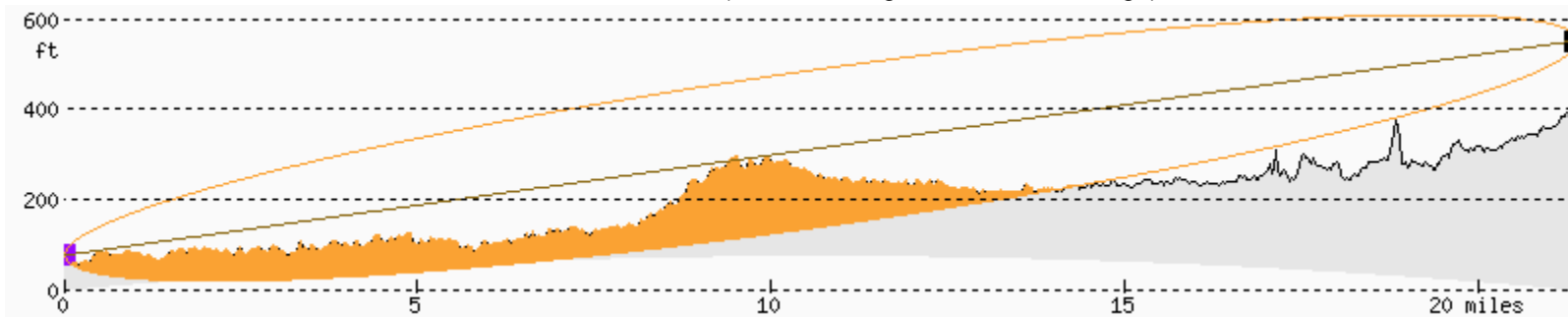
JANUARY, 2012

PLEASANT PEAK 76°/1°/39 miles (50 ft above ground, 100 miles range)



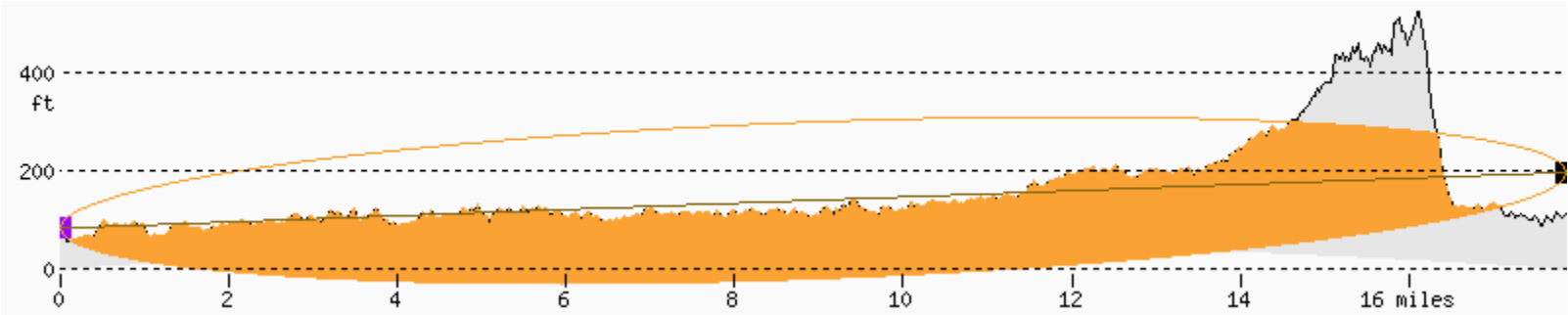
PLEASANT PEAK TO KP SOUTH BAY - YES

LAMC 347°/0°/21 miles (110 ft above ground, 25 miles range)



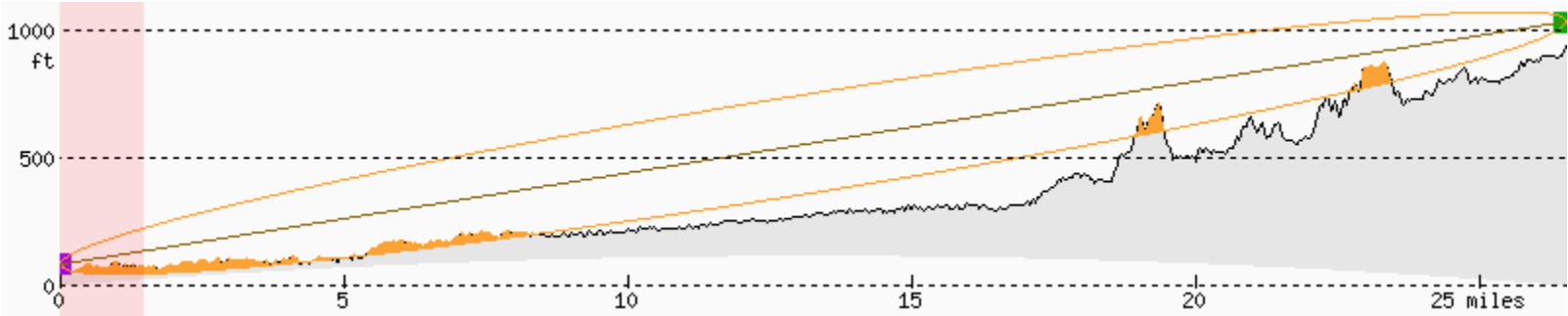
KP LAMC TO KP SOUTH BAY - YES

WEST LA 332°/0°/18 miles (85 ft above ground, 25 miles range)



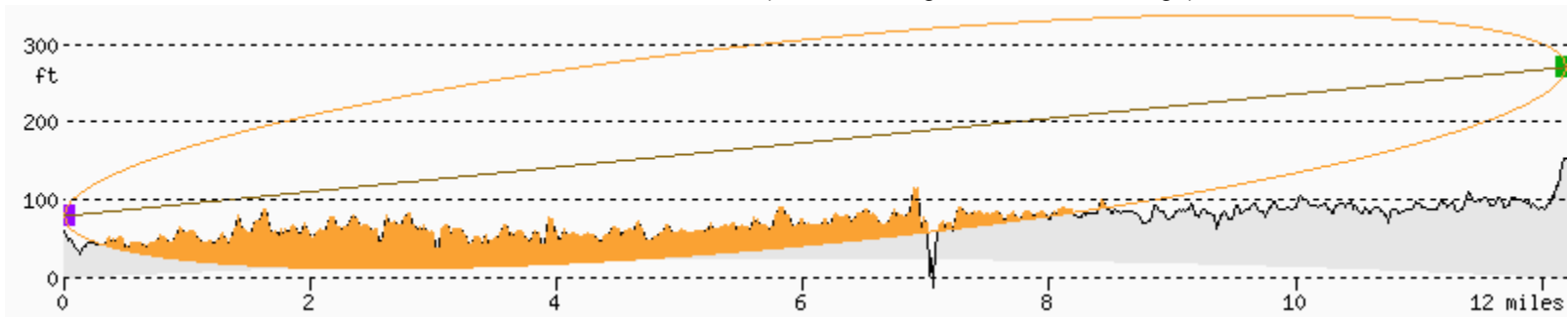
KP WEST LA TO KP SOUTH BAY - NO

PASADENA 6°/0°/26 miles (100 ft above ground, 25 miles range)



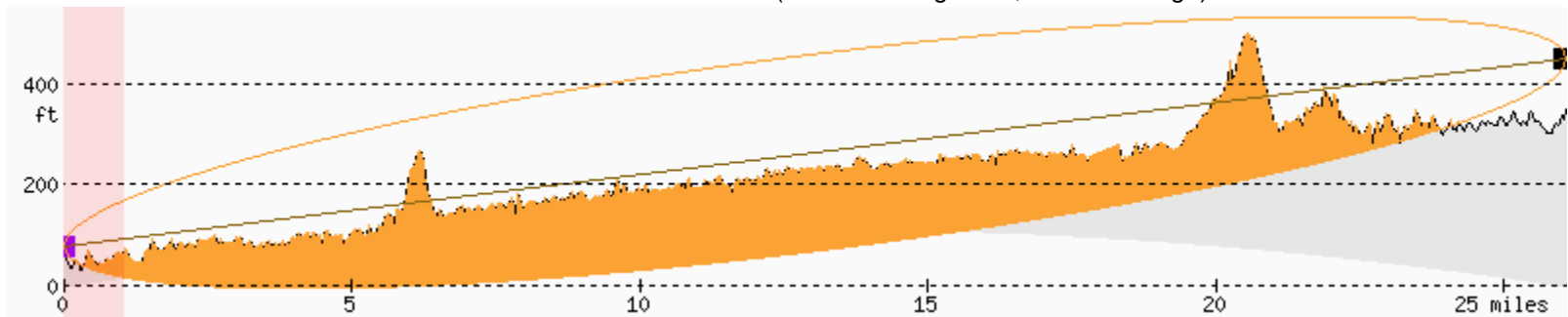
PASADENA TO KP SOUTH BAY - YES

BELLFLOWER 37°/0°/12 miles (120 ft above ground, 25 miles range)



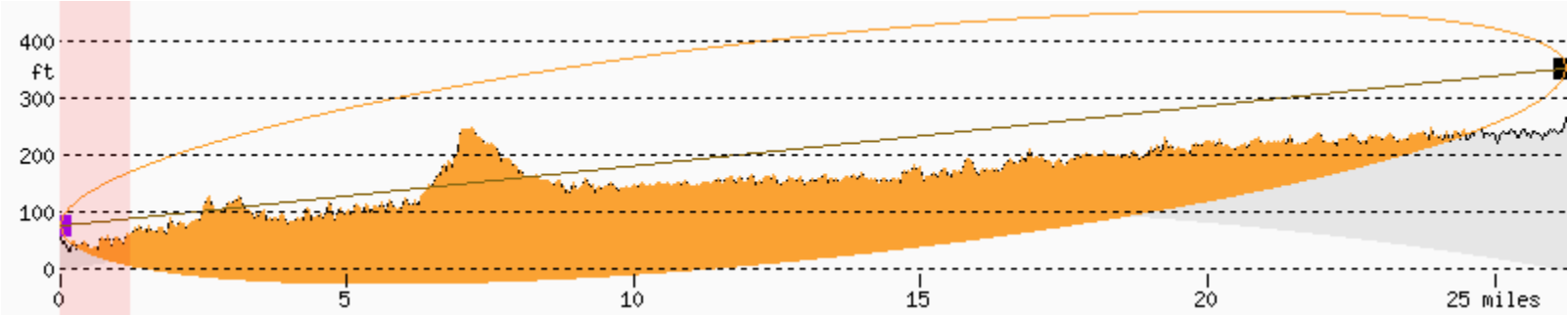
KP BELLFLOWER TO KP SOUTH BAY – YES

BALDWIN PARK 30°/0°/26 miles (100 ft above ground, 25 miles range)



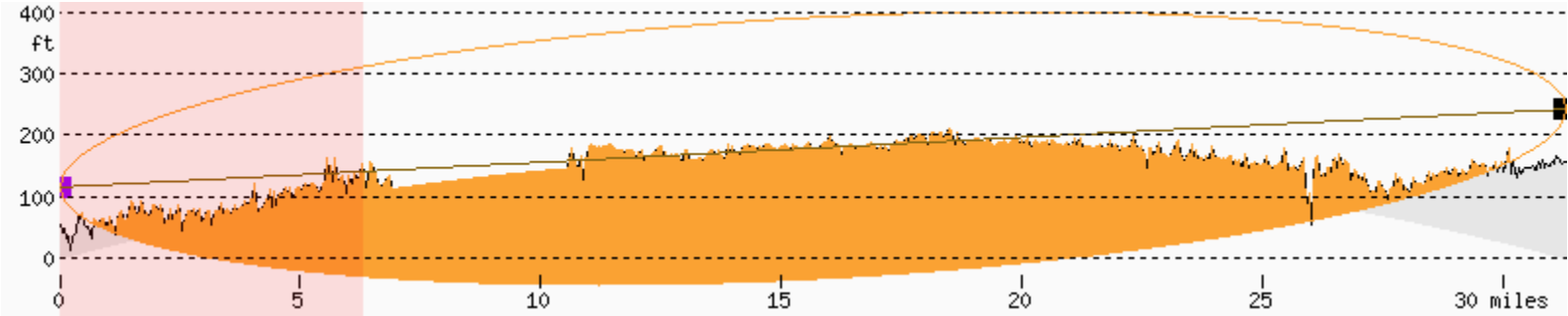
KP BALDWIN PARK TO KP SOUTH BAY – NO

KRAEMER 68°0′/26 miles (85 ft above ground, 25 miles range)



KP KRAEMER TO KP SOUTH BAY – NO

IRVINE 94°0′/31 miles (85 ft above ground, 25 miles range)



KP IRVINE TO SOUTH BAY – NO