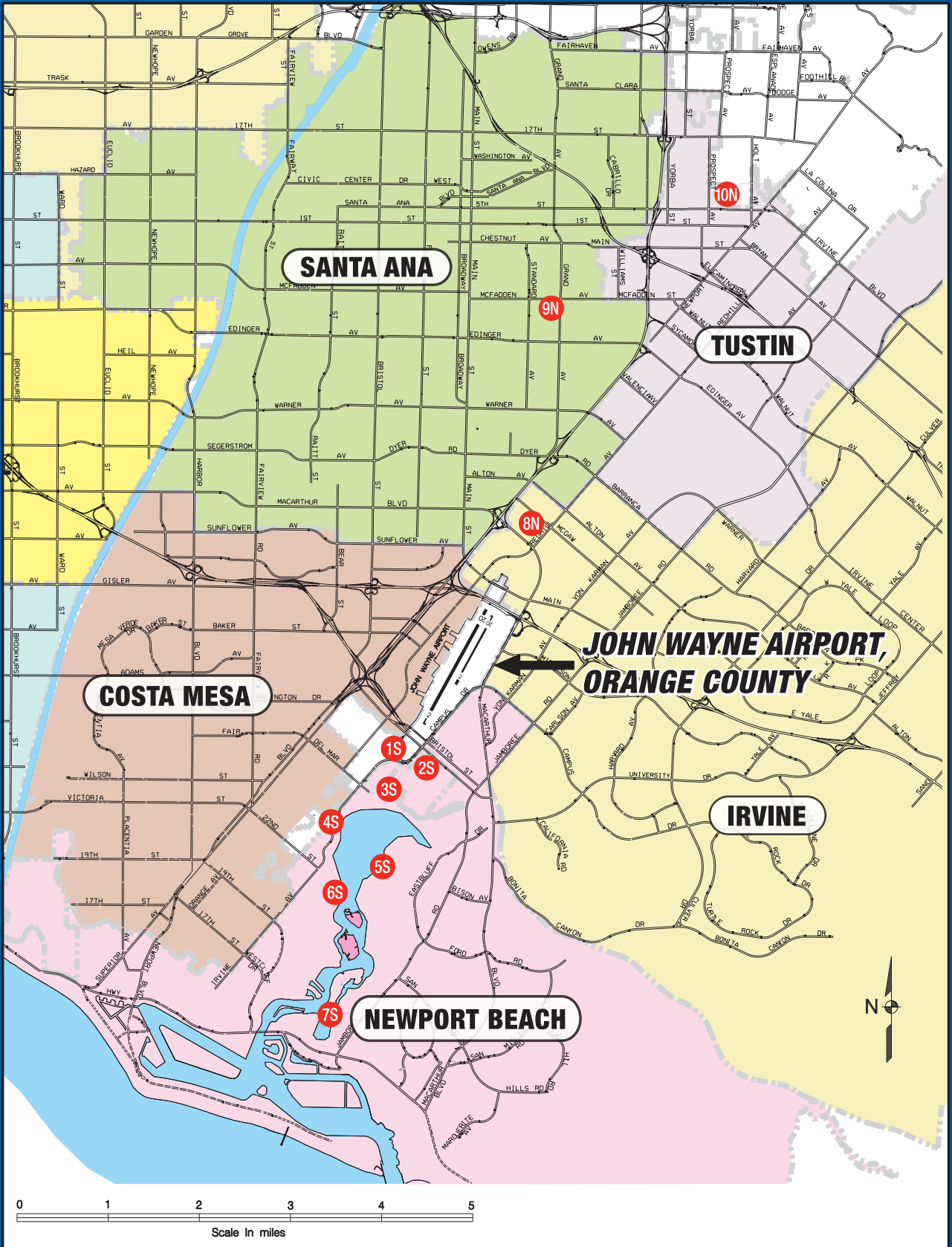


JOHN WAYNE AIRPORT

Noise Monitoring Stations (NMS) Location Map



JOHN WAYNE AIRPORT PERMANENT NOISE MONITORING STATIONS

NMS SITE LOCATIONS AND NUMBERING	DISTANCE (FEET)		MICROPHONE HEIGHT			LATITUDE AND LONGITUDE	REMARKS:
	FROM NORTH END EXT. CL RNWY 20R/2L	90 DEGREE TO EXTENDED C/L 20R/2L	AGL	ARLN	ARLS		
NMS Golf Course 1S 3100 Irvine Ave. Newport Beach	8,799.7' S'LY	939.1' W'LY	23.1'	+27.1'	+12.5'	<u>33° 39' 41.34315" N</u> <u>117° 52' 52.76360" W</u>	1. Length of Runway 20R/2L 5700.04 Feet
NMS 20162 Birch St 2S Newport Beach	8,752.0' S'LY	1,184.1' E'LY	34.6'	+48.7'	+34.1'	<u>33° 39' 31.92912" N</u> <u>117° 52' 30.30179" W</u>	2. Runway Elevation, North End, 20R, GPS1409 EL = +39.23 Feet MSL
NMS 2139 Anniversary Ln. 3S Newport Beach	10,799.2' S'LY	168.7' E'LY	23.2'	+5.3'	-9.3'	<u>33° 39' 18.73355" N</u> <u>117° 52' 52.25295" W</u>	3. Runway Elevation, South End, 2L, GPS1410 EL = +53.79 Feet MSL
NMS 2338 Tustin Avenue 4S Newport Beach	14,155.7' S'LY	1,998.9' W'LY	23.2'	+57.1'	+42.5'	<u>33° 38' 59.42269" N</u> <u>117° 53' 33.49379" W</u>	4. AGL = Above Ground Level
NMS 324 ½ Vista Madera 5S Newport Beach	14,938.7' S'LY	1,945.0' E'LY	24.6'	+47.8'	+33.3'	<u>33° 38' 34.31939" N</u> <u>117° 52' 56.60114" W</u>	5. ARLN = Above Runway Level, North End
NMS 1912 Santiago 6S Newport Beach	17,559.7' S'LY	241.7' E'LY	24.1'	+86.8'	+72.2'	<u>33° 38' 19.28931" N</u> <u>117° 53' 28.91310" W</u>	6. ARLS = Above Runway Level, South End
NMS 1311 Back Bay Dr. 7S Newport Beach	23,960.9' S'LY	3,292.6' E'LY	28.8'	+39.8'	+25.3'	<u>33° 37' 09.19975" N</u> <u>117° 53' 32.44970" W</u>	7. Lat & Long of Ends of Runway 20R/2L
NMS 17372 Eastman St. 8N Irvine	6,533.1' N'LY	58.1' E'LY	38.0'	+36.1'	+21.5'	<u>33° 41' 50.76324" N</u> <u>117° 51' 17.40197" W</u>	North End (20R) <u>33° 40' 53.92311"</u> (GPS1409) <u>117° 51' 54.20806"</u>
NMS 1300 S. Grand Ave. 9N Santa Ana	18,052.4' N'LY	5,113.0' W'LY	57.5'	+109.9'	+95.3'	<u>33° 43' 55.40983" N</u> <u>117° 51' 07.63734" W</u>	
NMS 17952 Beneta Way 10N Tustin	28,781.8' N'LY	631.3' E'LY	25.0'	+126.5'	+111.9'	<u>33° 45' 02.57051" N</u> <u>117° 49' 08.02769" W</u>	South End (2L) <u>33° 40' 04.09333"</u> (GPS1410) <u>117° 52' 25.78055"</u>

SURVEYORS NOTES:

- Horizontal datum for this project is:
CCS83, ZONE VI, 1991.35 EPOCH OCS, GPS ADJUSTMENT
- Vertical Datum: NGVD29, 1995 OCS ADJUSTMENT
- Distances shown are ground distances. To obtain grid distance multiply ground by CF=0.99997483
- Coordinates are per "JWA RUNWAY'S & TAXIWAY'S CENTER LINES ALIGNMENT MAP" dated September 2002, File #JWA684, on file with John Wayne Airport Facilities, Translated to NAD83 Geographic Coordinates.

THIS REPORT WAS PREPARED BY ME OR UNDER MY SUPERVISION AND
IS BASED ON A FIELD SURVEY PERFORMED IN OCTOBER 2014.

Donald R. Reser

DONALD R. RESER, LS 5727
SENIOR LAND SURVEYOR, JWA

10-9-2014
DATE

