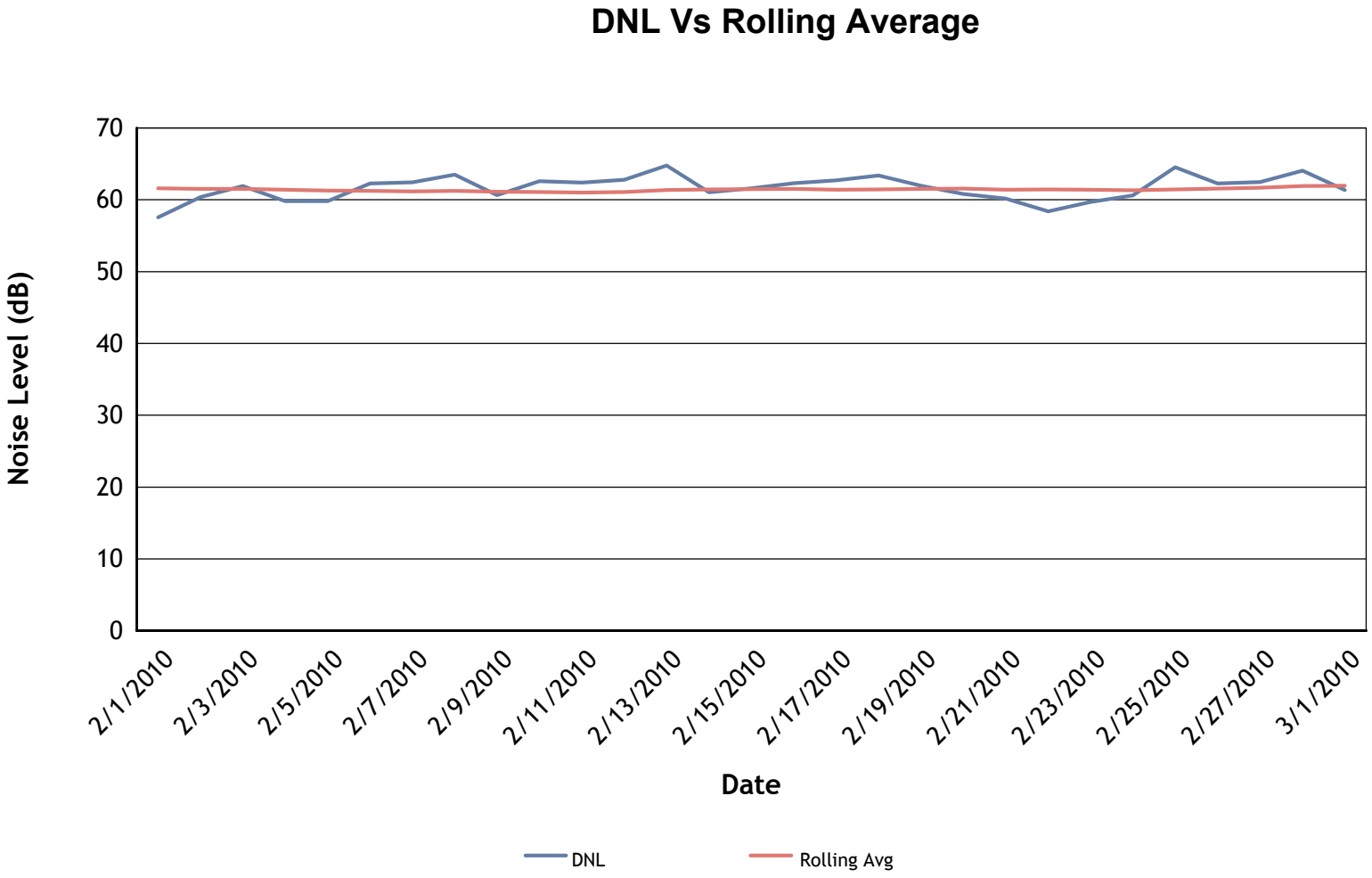
Periodic Rolling Average

Boca Raton Airport

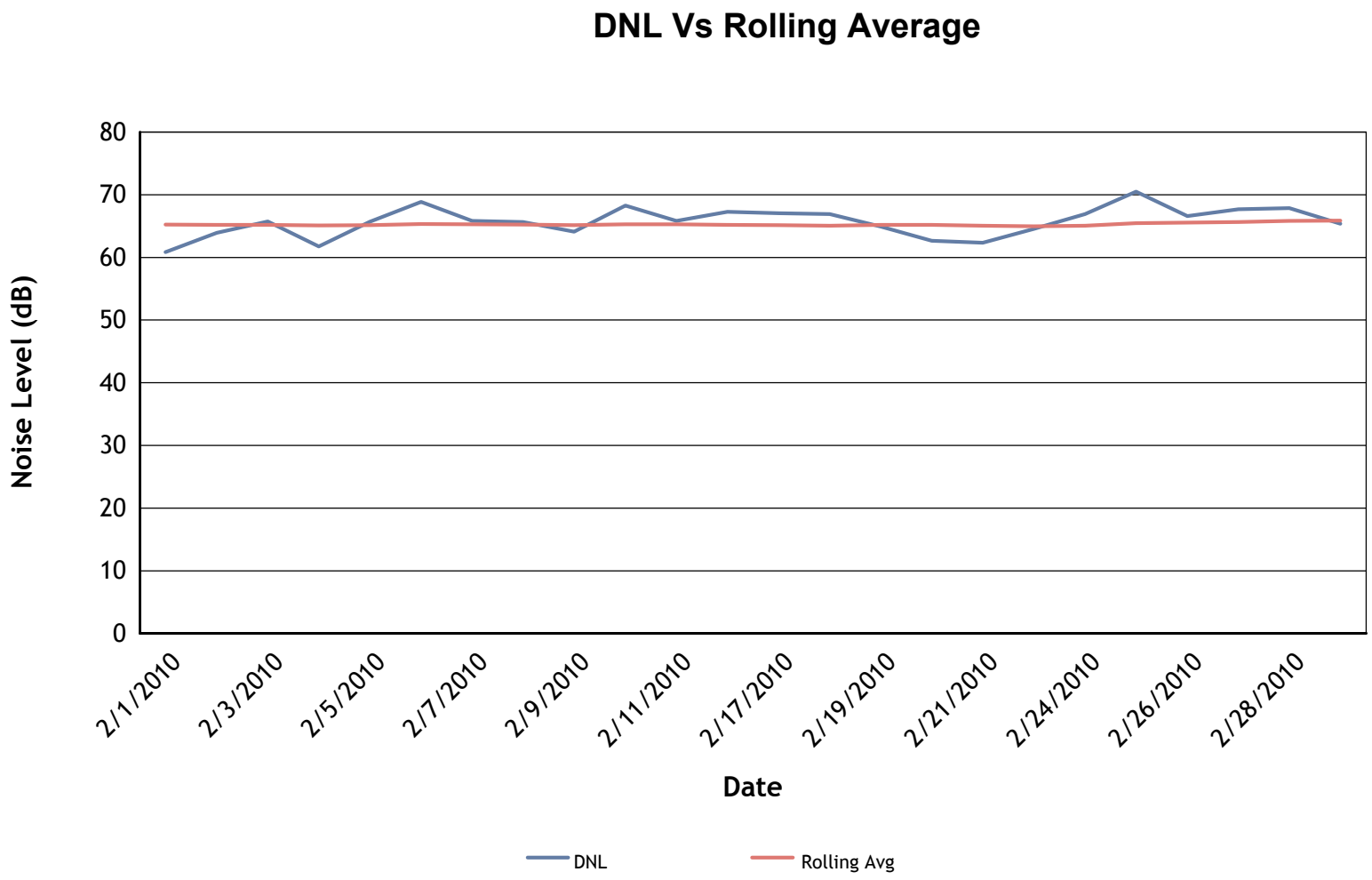
Period From : 2/1/2010 To : 3/1/2010

Metric : DNL Number of Days :28

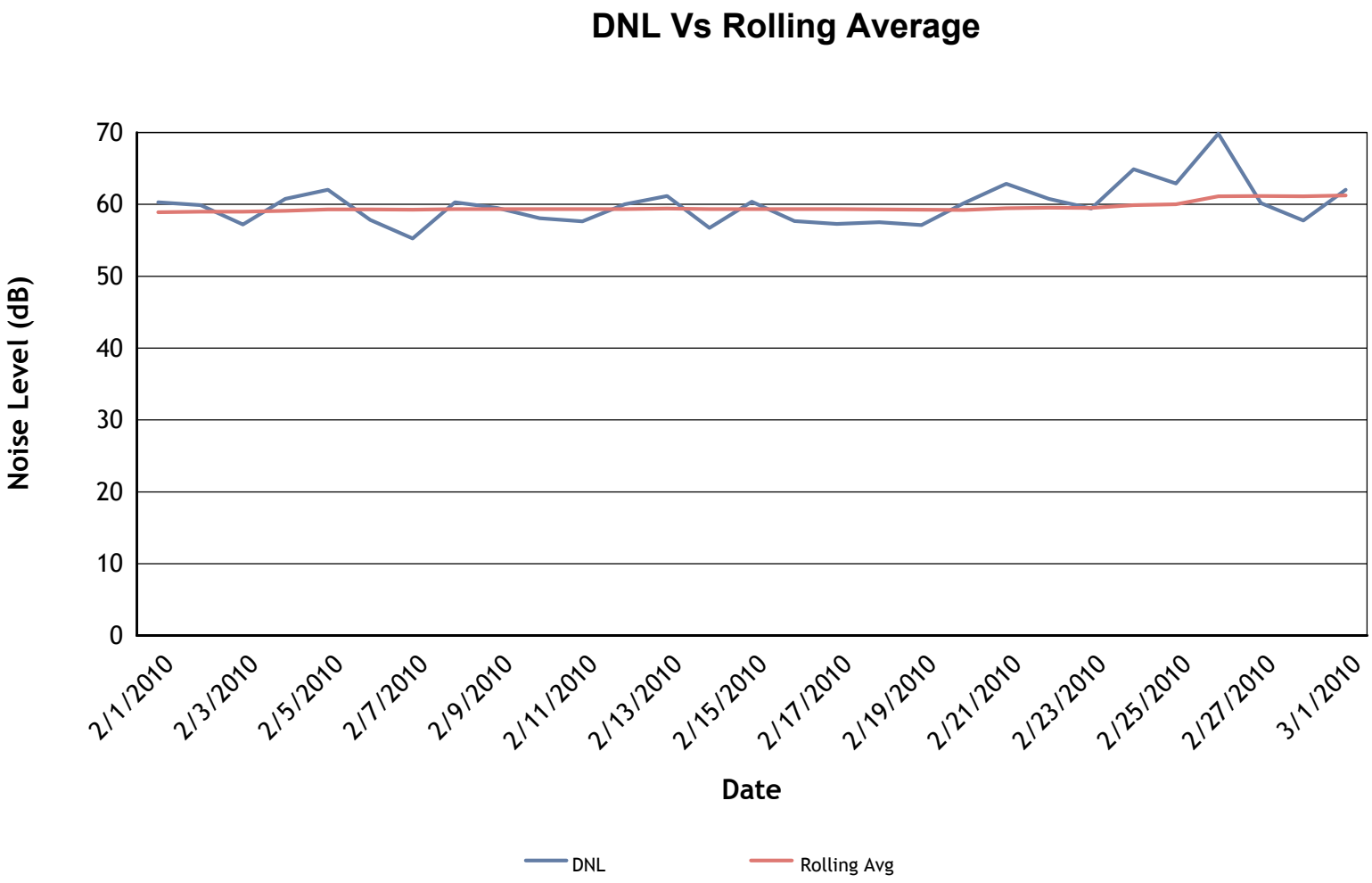
RMT ID: 1 , 5th Ave



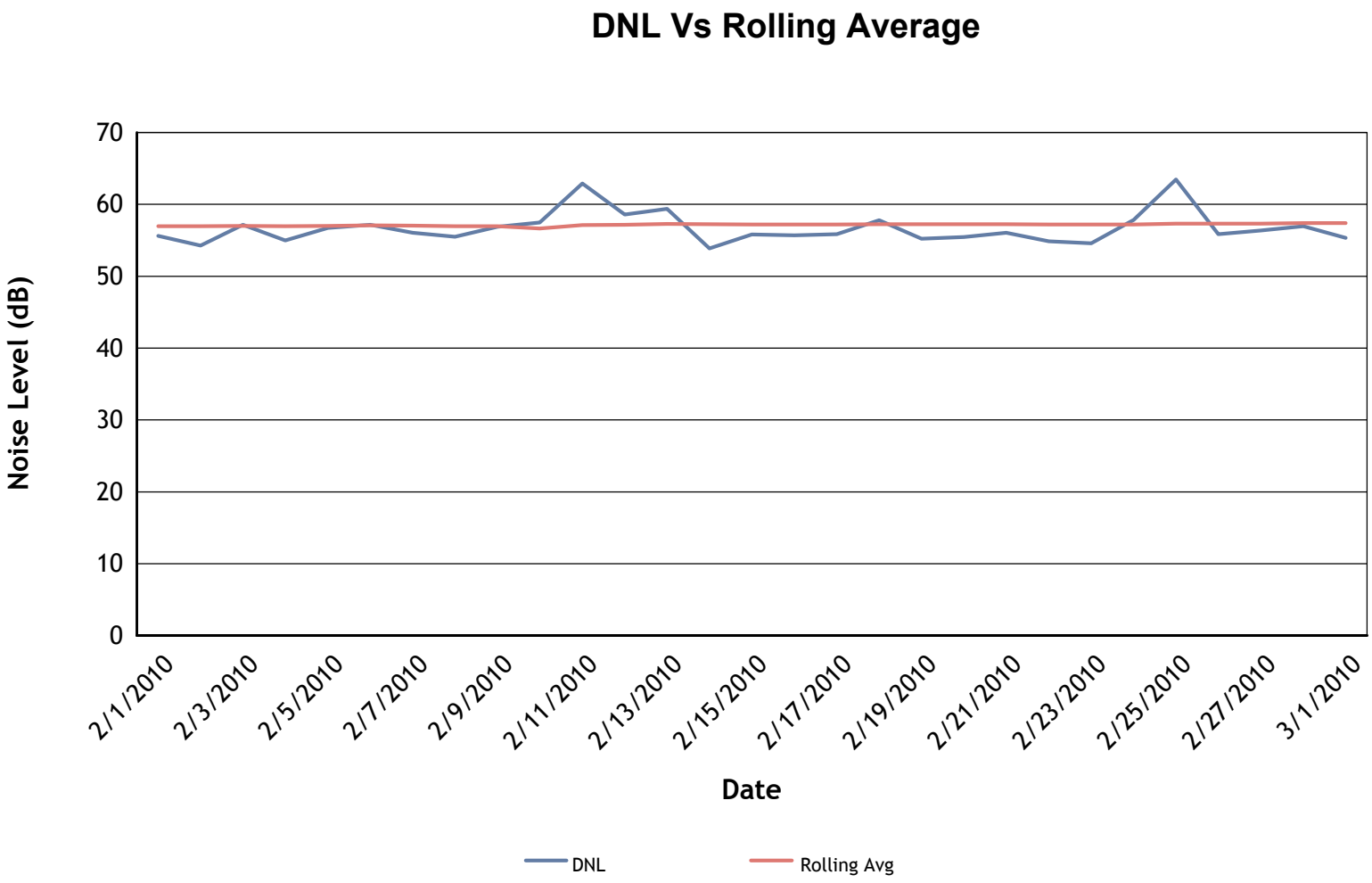
RMT ID: 2 , Boca Vista



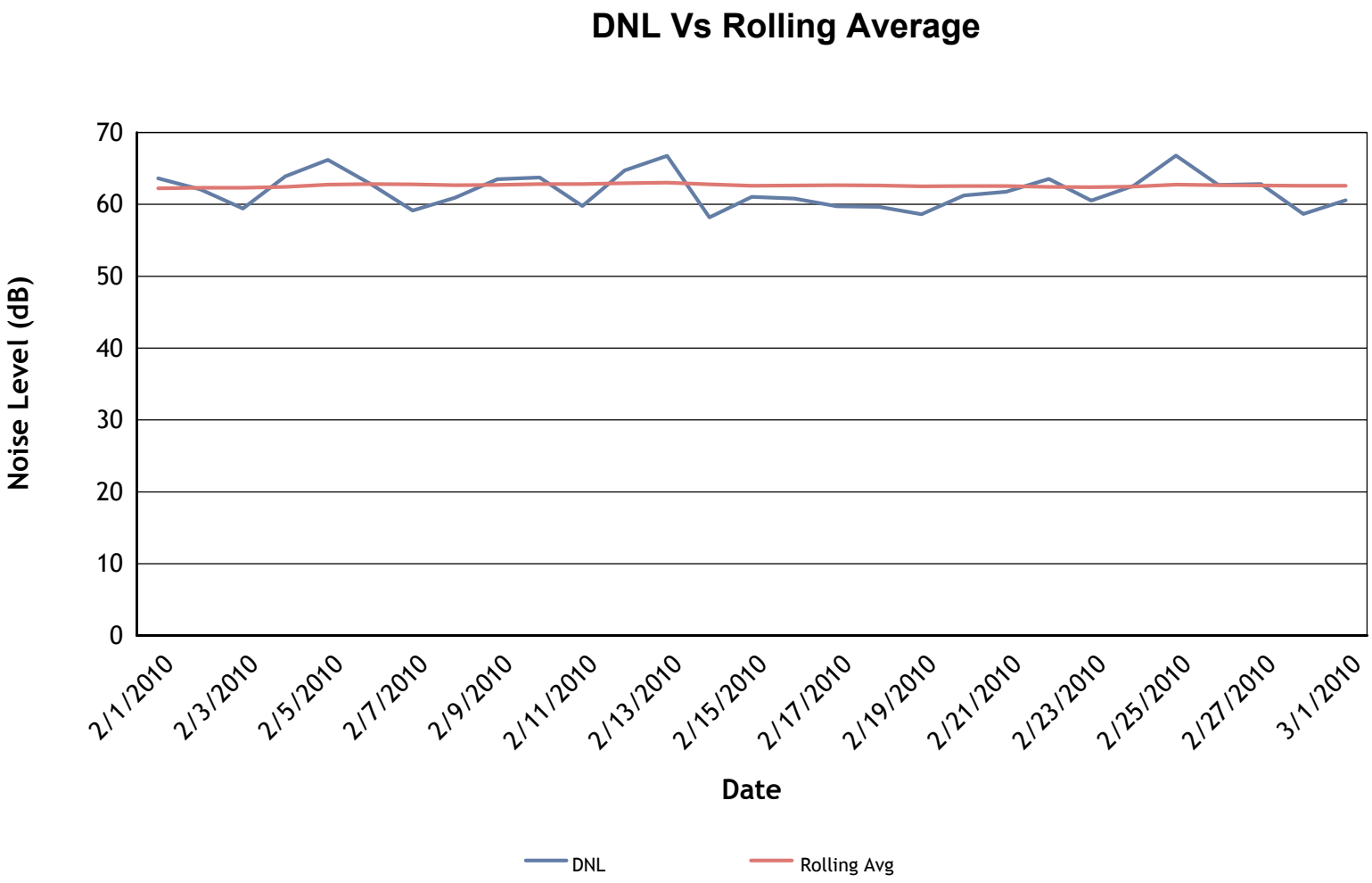
RMT ID: 3 , El Rio Canal



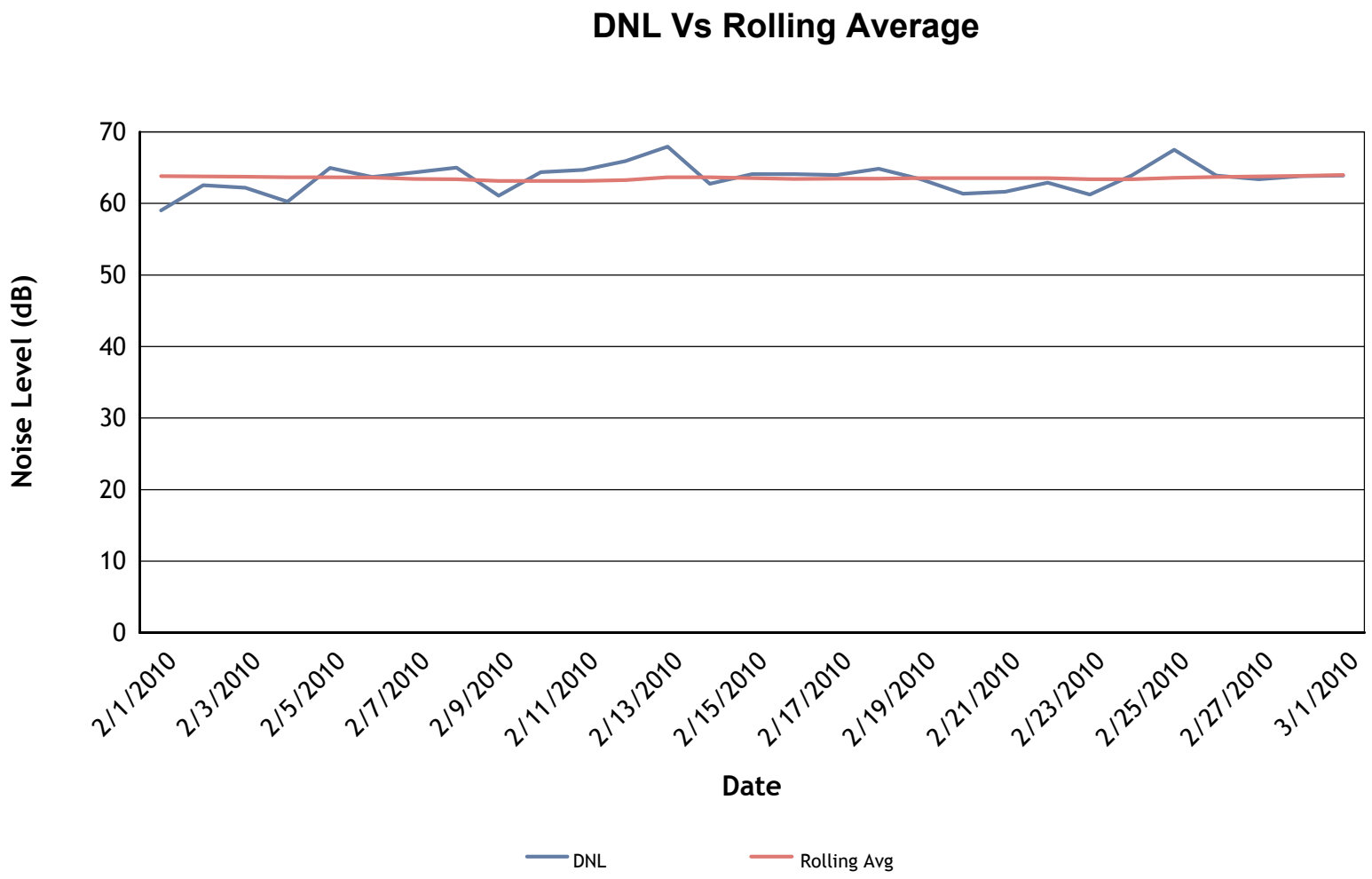
RMT ID: 4 , Paseos



RMT ID: 5 , Fairfield



RMT ID: 6 , F.A.U.


DNL Vs Rolling Average
Noise Level (dB)
70
60
50
40
30
20
10
0
2/1/2010
2/3/2010
2/5/2010
2/7/2010
2/9/2010
2/11/2010
2/13/2010
2/15/2010
2/17/2010
2/19/2010
2/21/2010
2/23/2010
2/25/2010
2/27/2010
3/1/2010
Date
DNL
Rolling Avg

Parameters used for this report :

Airport Code :	BCT	**Start Date :**	2/1/2010	**Number of Days :**	28
Noise Level Metric :	DNL	**End Date :**	3/1/2010		

Understanding the information in this report :

This report shows a graph containing the measured noise level for each day and the rolling average for that day for each individual noise monitor.

The rolloing average for each day is calculated using the formula

```
10*log(10, avg(power(10,{Total LEQ/DNL}*0.1))  over (partition by {RMTID} order by timedate
                rows between {numDays} preceding and 0 following)
```