**Echelon Ground Stations**

Some of the known or suspected ground stations belonging to or participating in the ECHELON network include the following:

**The largest ground stations**

* [Fort Meade](http://en.wikipedia.org/wiki/Fort_Meade) ([Maryland](http://en.wikipedia.org/wiki/Maryland), US) (headquarters of [NSA](http://en.wikipedia.org/wiki/NSA))
* [Geraldton](http://en.wikipedia.org/wiki/Geraldton%2C_Western_Australia) ([Western Australia](http://en.wikipedia.org/wiki/Western_Australia), Australia)
* [Menwith Hill](http://en.wikipedia.org/wiki/RAF_Menwith_Hill) ([Yorkshire](http://en.wikipedia.org/wiki/Yorkshire), UK)
* [Misawa Air Base](http://en.wikipedia.org/wiki/Misawa_Air_Base) ([Japan](http://en.wikipedia.org/wiki/Japan))
* [Morwenstow](http://en.wikipedia.org/wiki/GCHQ_CSO_Morwenstow) ([Cornwall](http://en.wikipedia.org/wiki/Cornwall), UK)
* [Pine Gap](http://en.wikipedia.org/wiki/Pine_Gap) ([Northern Territory](http://en.wikipedia.org/wiki/Northern_Territory), Australia - close to [Alice Springs](http://en.wikipedia.org/wiki/Alice_Springs))
* [Sabana Seca](http://en.wikipedia.org/w/index.php?title=Sabana_Seca&action=edit) ([Puerto Rico](http://en.wikipedia.org/wiki/Puerto_Rico) - US)
* [Shoal Bay](http://en.wikipedia.org/w/index.php?title=Shoal_Bay&action=edit) ([Northern Territory](http://en.wikipedia.org/wiki/Northern_Territory), Australia)
* [Sugar Grove](http://en.wikipedia.org/wiki/Sugar_Grove%2C_West_Virginia) ([West Virginia](http://en.wikipedia.org/wiki/West_Virginia), US)
* [Yakima](http://en.wikipedia.org/wiki/Yakima) ([Washington](http://en.wikipedia.org/wiki/Washington), US) [Map](http://maps.google.com/?ll=46.68209,-120.356544&spn=0.003077,0.007317&t=k)
* [Waihopai](http://en.wikipedia.org/wiki/Waihopai) (New Zealand)
* [Tangimoana](http://en.wikipedia.org/wiki/Tangimoana) (New Zealand)
* [Naval Communication Station Harold E. Holt](http://en.wikipedia.org/wiki/Naval_Communication_Station_Harold_E._Holt) ([Western Australia](http://en.wikipedia.org/wiki/Western_Australia), Australia - close to [Exmouth](http://en.wikipedia.org/wiki/Exmouth%2C_Western_Australia))

**Various other ground stations**

The following are various intelligence gathering stations of US intelligence agencies and armed forces or their allies.

* [Alert](http://en.wikipedia.org/wiki/Alert) ([Ellesmere Island](http://en.wikipedia.org/wiki/Ellesmere_Island), [Nunavut](http://en.wikipedia.org/wiki/Nunavut), Canada)
* [Agios Nikolaos](http://en.wikipedia.org/wiki/Ayios_Nikolaos_%28Cyprus%29) ([Cyprus](http://en.wikipedia.org/wiki/Cyprus) - UK)
* [Bremerhaven](http://en.wikipedia.org/wiki/Bremerhaven) ([Germany](http://en.wikipedia.org/wiki/Germany) - UK)
* [Buckley Air Force Base](http://en.wikipedia.org/wiki/Buckley_Air_Force_Base) ([Colorado](http://en.wikipedia.org/wiki/Colorado), US)
* [RAF Chicksands](http://en.wikipedia.org/wiki/RAF_Chicksands) ([Bedfordshire](http://en.wikipedia.org/wiki/Bedfordshire), UK)
* [Diego Garcia](http://en.wikipedia.org/wiki/Diego_Garcia) ([Indian Ocean](http://en.wikipedia.org/wiki/Indian_Ocean) - US-UK)
* [RAF Digby](http://en.wikipedia.org/wiki/RAF_Digby) ([Lincolnshire](http://en.wikipedia.org/wiki/Lincolnshire), UK)
* [Elmendorf Air Force Base](http://en.wikipedia.org/wiki/Elmendorf_Air_Force_Base) ([Alaska](http://en.wikipedia.org/wiki/Alaska) - US)
* [Feltwell](http://en.wikipedia.org/wiki/Feltwell) ([Norfolk](http://en.wikipedia.org/wiki/Norfolk), UK)
* [Fort Gordon](http://en.wikipedia.org/wiki/Fort_Gordon) ([Georgia](http://en.wikipedia.org/wiki/Georgia_%28U.S._state%29), US)
* [Gander](http://en.wikipedia.org/wiki/Gander) ([Newfoundland and Labrador](http://en.wikipedia.org/wiki/Newfoundland_and_Labrador), Canada)
* [Gibraltar](http://en.wikipedia.org/wiki/Gibraltar) (UK)
* [Griesheim](http://en.wikipedia.org/wiki/Griesheim) (near [Darmstadt](http://en.wikipedia.org/wiki/Darmstadt), [Germany](http://en.wikipedia.org/wiki/Germany) - US)
* [Guam](http://en.wikipedia.org/wiki/Guam) ([Pacific Ocean](http://en.wikipedia.org/wiki/Pacific_Ocean), US)
* [Karamursel](http://en.wikipedia.org/wiki/Karamursel) ([Turkey](http://en.wikipedia.org/wiki/Turkey) - US)
* [Kunia](http://en.wikipedia.org/w/index.php?title=Kunia&action=edit) ([Hawaii](http://en.wikipedia.org/wiki/Hawaii), US)
* [Leitrim](http://en.wikipedia.org/wiki/Leitrim%2C_Canada) (south of [Ottawa](http://en.wikipedia.org/wiki/Ottawa), Canada)
* [Malta](http://en.wikipedia.org/wiki/Malta) ([Malta](http://en.wikipedia.org/wiki/Malta) - UK)
* [Masset](http://en.wikipedia.org/w/index.php?title=Masset&action=edit) ([British Columbia](http://en.wikipedia.org/wiki/British_Columbia), Canada)
* [Medina Annex](http://en.wikipedia.org/w/index.php?title=Medina_Annex&action=edit) ([Texas](http://en.wikipedia.org/wiki/Texas), US)
* [Osan](http://en.wikipedia.org/wiki/Osan) Air Base ([South Korea](http://en.wikipedia.org/wiki/South_Korea), US)
* [Rota, Spain](http://en.wikipedia.org/wiki/Rota%2C_Spain) ([Spain](http://en.wikipedia.org/wiki/Spain) - US)
* [Aflandshage, Amager Denmark](http://en.wikipedia.org/w/index.php?title=Aflandshage%2C_Amager_Denmark&action=edit) ([Dennmark](http://en.wikipedia.org/w/index.php?title=Dennmark&action=edit)

**Former ground stations**

* [Augsburg](http://en.wikipedia.org/wiki/Augsburg) ([Germany](http://en.wikipedia.org/wiki/Germany) - US) - closed in 1993
* [Bad Aibling](http://en.wikipedia.org/wiki/Bad_Aibling) ([Germany](http://en.wikipedia.org/wiki/Germany) - US) - moved to [Griesheim](http://en.wikipedia.org/wiki/Griesheim) in 2004
* [Clark Air Base](http://en.wikipedia.org/wiki/Clark_Air_Base) ([Philippines](http://en.wikipedia.org/wiki/Philippines) - US) - closed in 1997
* [Edzell](http://en.wikipedia.org/wiki/Edzell) ([Scotland](http://en.wikipedia.org/wiki/Scotland), UK) - closed in 1997
* [Kabkan](http://en.wikipedia.org/w/index.php?title=Kabkan&action=edit) ([Iran](http://en.wikipedia.org/wiki/Iran) - US) - closed in 1979
* [Little Sai Wan](http://en.wikipedia.org/w/index.php?title=Little_Sai_Wan&action=edit) ([Hong Kong](http://en.wikipedia.org/wiki/Hong_Kong) - UK) - closed in 1984
* [Woomera, South (Australia](http://en.wikipedia.org/wiki/Woomera%2C_South_Australia)) - closed in 1999
* [San Vito dei Normanni](http://en.wikipedia.org/wiki/San_Vito_dei_Normanni) ([Italy](http://en.wikipedia.org/wiki/Italy) - US) - closed in 1994
* [Teufelsberg](http://en.wikipedia.org/wiki/Teufelsberg) ([West Berlin](http://en.wikipedia.org/wiki/West_Berlin), [Germany](http://en.wikipedia.org/wiki/Germany) - US) - closed in 1989
* [Silvermine](http://en.wikipedia.org/wiki/Silvermine_%28ECHELON%29) (near [Cape Town](http://en.wikipedia.org/wiki/Cape_Town), [South Africa](http://en.wikipedia.org/wiki/South_Africa) - US)