The Bubbly Professor Tackles Topography

France
Land: Western Alps, Massif Central, Vosges Mountains, Pyrenees, Auvergne Mountains, Jura Mountains, Morvan Massif, Mont Blanc
Water: Rhône River, Moselle River, Rhine River, Loire River, Cher River, Charente River, Garonne River, Dordogne River, Gironde River (Estuary), Seine River, Marne River, Hérault River, Saône River, Aube River, Atlantic Ocean, Bay of Biscay, Mediterranean Sea, English Channel
Wind: Gulf Stream, Mistral, Tramontane

Italy
Land: Italian Alps, Apennines, Dolomites, Mount Etna, Mount Vesuvius, Mont Blanc
Water: Arno River, Po River, Tiber River, Tanaro River, Adige River, Piave River, Tagliamento River, Sesia River, Lake Garda, Lake Como, Mediterranean Sea, Gulf of Venice
Wind: Sirocco winds, Grecale Winds

Spain
Land: Pyrenees, Meseta Central, Picos de Europa, Sierra Nevada, Cantabrian Mountains, Sistema Ibérico, Montes de Toledo, Sierra de Gredos, Sierra de Guadarrama, Sistema Penibértico, Canary Islands, Balearic Islands
Water: Ebro River, Duero River, Tagus River, Guadiana River, Guadalquivir River, Rías Baixas, Rías Altas, Atlantic Ocean, Bay of Biscay, Gulf of Cadiz, Mediterranean Sea
Wind: Garbinada Winds, Cierzo Winds, Levante, Poniente

Portugal
Land: Serra da Estrela, Montes de Toledo, Sintra Mountain, Azores, Madeira Island
Water: Minho River, Douro River, Tagus (Tejo) River, Guadiana River, Sado River, Mondego River, Ave River, Gulf of Cadiz, Atlantic Ocean
Winds: Portugal Current

Austria
Land: Central Alps, Pannonian Basin, Bohemian Forest
Water: Danube River, Lake Neusiedl (Neusiedlsee)
Wind: Alpine Föhn (Nordföhn, Südföhn)

Germany
Land: Black Forest, German/Bavarian Alps, Ore Mountains, Haardt Hills
Water: Rhine River, Mosel River, Saar River, Ahr River, Saale River, Unstrut River, Main River, Neckar River, Elbe River, Lake Constance (Bodensee)
Wind: Alpine Föhn (Nordföhn, Südföhn), Böhmwind (Bohemian Wind)

California/North Coast
Land: Coastal Mountains, Mayacamas Range, Vaca Range, Klamath Mountains, Diablo Range
Water: Napa River, Russian River, Dry Creek, Sonoma Creek, Navarro River, Lake Berryessa, Clear Lake, Lake Sonoma, San Pablo Bay/San Francisco Bay, Pacific Ocean, Sacramento River
Wind: Petaluma Gap, Chalk Hill Gap, Diablo Winds (named for Mount Diablo)
California/Central Coast, Central Valley and Southern California
Land: Gabilan Mountains, Santa Cruz Mountains, Santa Lucia Range, Inner Coast Range, Diablo Range, Sierra Nevada, San Gabriel Mountains, San Bernardino Mountains
Wind: Santa Ana Winds, Salinas River Valley Winds, Sacramento Delta Breezes, Templeton Gap, Sundowner, Norte Winds

Oregon
Land: Cascade Mountains, Coastal Range, Mount Hood, Mount Jefferson, Klamath Mountains
Water: Willamette River, Rogue River, Applegate River, Umpqua River, Illinois River, Columbia River, Snake River, Walla Walla River
Wind: Van Duzer Corridor, Coastal Winds, Coho (Gorge) Winds

Washington State
Land: Cascade Mountains, Coastal Range, Mount Rainier, Mount Saint Helens
Water: Columbia River, Walla Walla River, Yakima River, Snake River, Puget Sound, Pacific Ocean

New York
Land: Niagara Escarpment, Adirondacks, Catskill Mountains, Appalachian Mountains, Hudson Highlands

Canada/British Columbia
Land: Coast Mountains, Cascade Mountains, Canadian Rockies, Alberta Plateau, Gulf Islands, Vancouver Island
Water: Columbia River, Okanagan River, Fraser River, Kootenay River, Pacific Ocean
Wind: Chinook (dry foehn wind, the “snow-eater”), Squamish (Arctic Outflow)

Canada/Ontario
Land: Niagara Escarpment, Prince Edward Island, Midwestern Canadian Shield, Boreal Forests
Water: Niagara River, Lake Erie, Lake Ontario, Saint Lawrence River, Pacific Ocean
South Africa

**Land:** Cape Fold Mountains, Cape Flats, Drakensberg, Simonsberg, Great Escarpment

**Water:** Orange River, Breede River, Erste River, Oliphants River, Berg River, Atlantic Ocean, Indian Ocean, Walker Bay

**Wind:** Benguela Current, Cape Doctor, Berg Wind (katabatic/descending winds)

New Zealand

**Land:** Southern Alps, Mount Cook, Volcanic Plateau (North Island), Mount Taranaki, Canterbury Plain, Moeraki Boulders, Marlborough Sounds, Fiordland, Piopiotahi (Milford Sound)

**Water:** Waikato River, Lake Taupo, Waitaki River, Poverty Bay, Bay of Plenty, Cook Strait, Franz Josef Glacier, Fox Glacier, Tasman Sea, Pacific Ocean

**Wind:** Canterbury Northwester, Roaring 40’s, The Barber (Grey District, West Coast)

Australia

**Land:** Great Dividing Range, Australian Alps, Peterman Ranges, Great Victoria Desert, Nullarbor Plain, Great Sandy Desert, Darling Range, Madonel Ranges, Tasmania, Great Barrier Reef

**Water:** Murrumbidgee River, Murray River, Darling River, Lachlan River, Flinders River, Gascoyne River Goulburn River, Yarra River, Great Australian Bight, Bass Strait, Spencer Gulf, Pacific Ocean, Indian Ocean, Tasman Sea

**Wind:** Albany Doctor, Brickfielder Wind, Freemantle Doctor, Roaring 40’s, Southerly Buster

Argentina

**Land:** Andes Mountains, Mount Aconcagua, Altiplano (Andean Plateau), Puna De Atacama (Atacama Plateau), Las Pampas (Argentine Plains), Tierra del Fuego, Falkland Islands

**Water:** Neuquén River, Río Negro, Chubut River, Mendoza River, Tupungato River, Jáchal River, Tunuyán River, San Juan River, Colorado River, Río de la Plata, Iguazu Falls, Atlantic Ocean

**Wind:** Zonda, Sudestada

Chile

**Land:** Andes Mountains, Ojos Del Salado, Coastal Range (Coastal Cordillera), Central Valley (Intermediate Depression), Atacama Desert, Los Lagos, Chilean Archipelagos/Tierra del Fuego, Chiloé Island, Isla Grande

**Water:** Rapel River, Cachapoal River, Colchagua River, Aconcagua River, Copiapó River, Huasco River, Elqui River, Choapa River, Maipo River, Straits of Magellan, Pacific Ocean

**Wind:** Humboldt Current, Viento Puelche

**Please note:** this list does not claim to include every landform and waterway that is important to the regions listed, nor do I believe that it contains everything that is important in the context of wine and spirits studies. It does, however, represent those items that I came across while studying physical geography for wine and spirits theory classes or exams. I also included a few items that were interesting enough to (in my opinion) be important to understanding a certain region, even if they do not have any direct impact on wine or spirits agriculture or production.

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