

# WASHINGTON WINE 101

WA  
— 46°N  
WINE



## WASHINGTON STATE WINE

Washington State is the second-largest wine region in the United States, cultivating over 80 grape varieties. Washington's growers & vintners work in tandem to produce a combination of old world & new world styles.

# WASHINGTON STATE WINE COMMISSION

## WHAT ARE WE

- WSDA Commodity
- Commission Est. 1987
- Marketing, Education, Viticulture & Enology Research

## WHO ARE WE

- 13-member industry-appointed board
- 10 staff: marketing, communications and research

## FUNDING

- \$6.0M Annual Budget
- 100% industry funded
- Wine: \$0.08/gallon
- Grapes : \$12/ton



# PROMOTING WASHINGTON

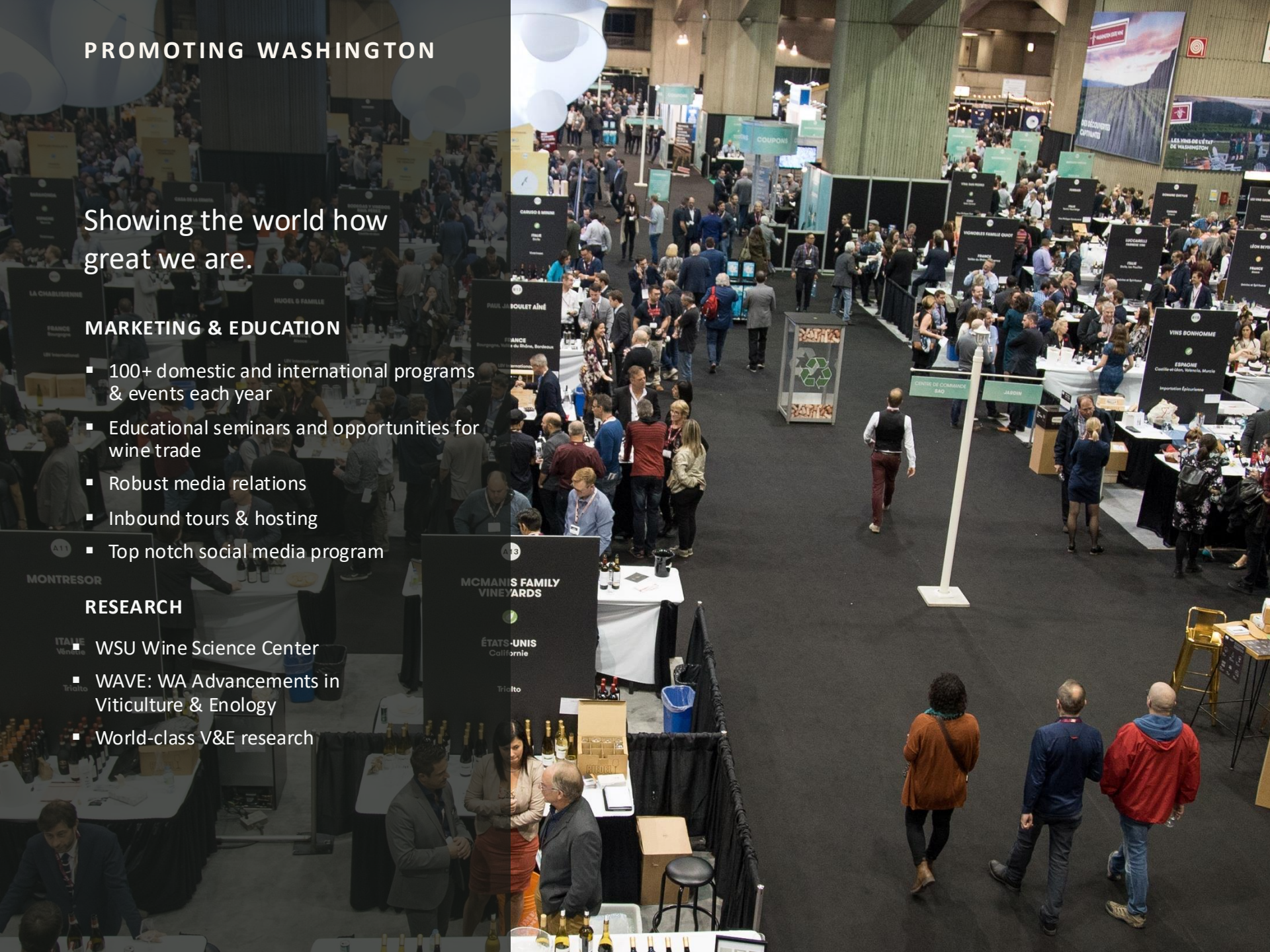
Showing the world how great we are.

## MARKETING & EDUCATION

- 100+ domestic and international programs & events each year
- Educational seminars and opportunities for wine trade
- Robust media relations
- Inbound tours & hosting
- Top notch social media program

## RESEARCH

- WSU Wine Science Center
- WAVE: WA Advancements in Viticulture & Enology
- World-class V&E research



## RESEARCH

### World-class wine research program

- Washington's wine industry allocates 25% of its budget to support a groundbreaking viticulture and enology research program, along with the state-of-the-art WSU Wine Science Center.
- Research priorities are 100% industry driven, and results are available to every winery and vineyard in the state.
- Outreach is a major priority, to ensure farmers and winemakers have the most updated information to make even better wine and grow even better fruit.



## GLOBAL MARKETS

Washington wine is  
available in 100+  
countries



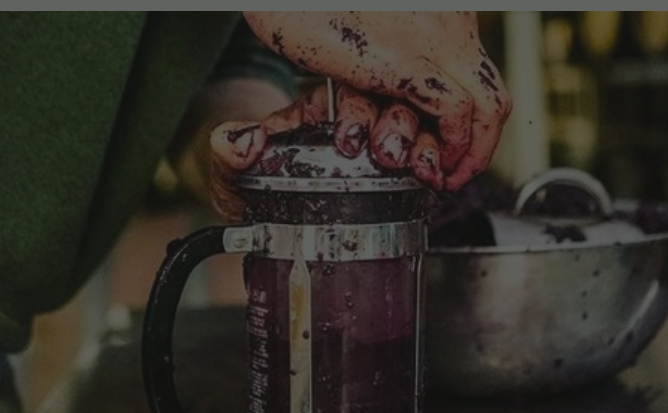
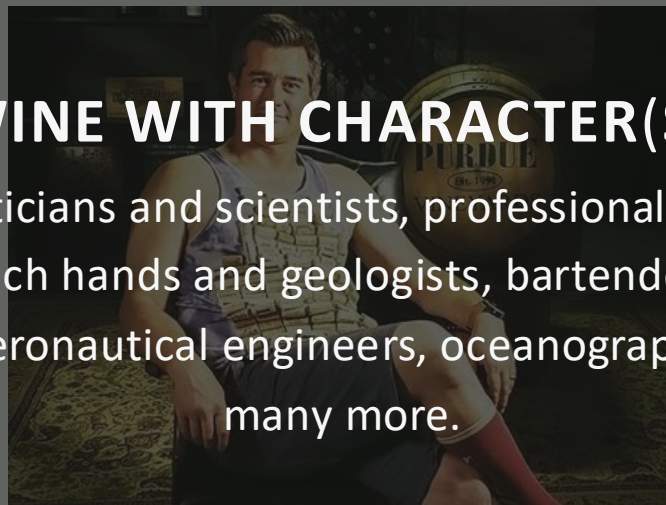
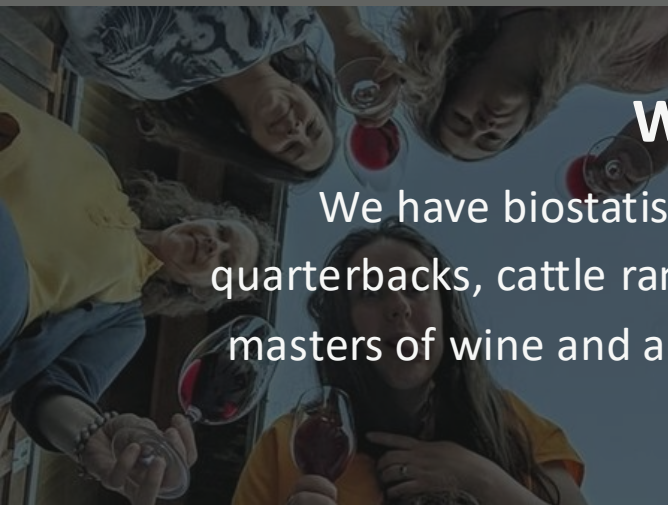
The background of the slide is a solid red color with a white topographic map pattern. The pattern consists of numerous concentric, wavy lines that represent contour lines on a map, creating a textured, mountainous appearance. The lines are more densely packed in some areas and more spread out in others, giving a sense of depth and elevation.

# OVERVIEW

A woman with long brown hair, wearing a plaid shirt, is pouring wine from a large wooden barrel into a glass. She is looking intently at the glass. The background is slightly blurred, showing other barrels and a person's head in the foreground.

**A COLLABORATION OF INGENUITY, HARD  
WORK AND PASSION.**

Washington's vineyards and wineries are often spread across  
hundreds of miles. Because of this grape growers and  
vintners must work in tandem. Our region is one of shared  
endeavors.



## WINE WITH CHARACTER(S).

We have biostatisticians and scientists, professional snowboarders and quarterbacks, cattle ranch hands and geologists, bartenders and English teachers, masters of wine and aeronautical engineers, oceanographers and actors, and so many more.

# WASHINGTON WINE TIMELINE



1825

## First Grapes Planted

Washington's first grapes are planted at Fort Vancouver by the **Hudson's Bay Company**.



1914

## Important vineyards spring up,

in the Yakima Valley —most notably the vineyards of **W.B. Bridgman** of Sunnyside.

1940

## Dr. Walter Clore,

"The Father of Washington Wine," begins trials of grape varieties in eastern Washington to determine what would grow where and under what conditions. Later, he works closely with WSU scientist Chas Nagel to make research wines.



1903

## Large-scale irrigation,

fueled by runoff from the melting snow-caps of the Cascade Mountains, begins in eastern Washington.



1933



# 1960

**Commercial vineyards are planted in Washington.**



# 1967

**Ste. Michelle Vintners is established.**

Now known as Chateau Ste. Michelle, it is Washington's largest winery.



# 1983

**Yakima Valley AVA is established**

as Washington's first American Viticultural Area (AVA).



# 1962

**Associated Vintners is established,** later becoming Columbia Winery.

# 1970



# 10 wineries



1998

## **Taste Washington**

takes place in Seattle for the first time, later becoming the nation's largest single-region food and wine festival.

2001

## **100 wineries milestone**

2015

# **Wine Science Center**

The state-of-the-art, industry-funded Ste. Michelle Wine Estates WSU Wine Science Center opens in Richland, WA.



2019

## **1,000 wineries**



WINERIES

**1,050+**



GROWERS

**400+**



TONS PRODUCED

**159,000**



ACRES PLANTED

**50,000+**



Ninety percent of Washington state's wineries are small, family-owned wineries who make fewer than 5,000 cases a year.

Annual In-state Economic Impact

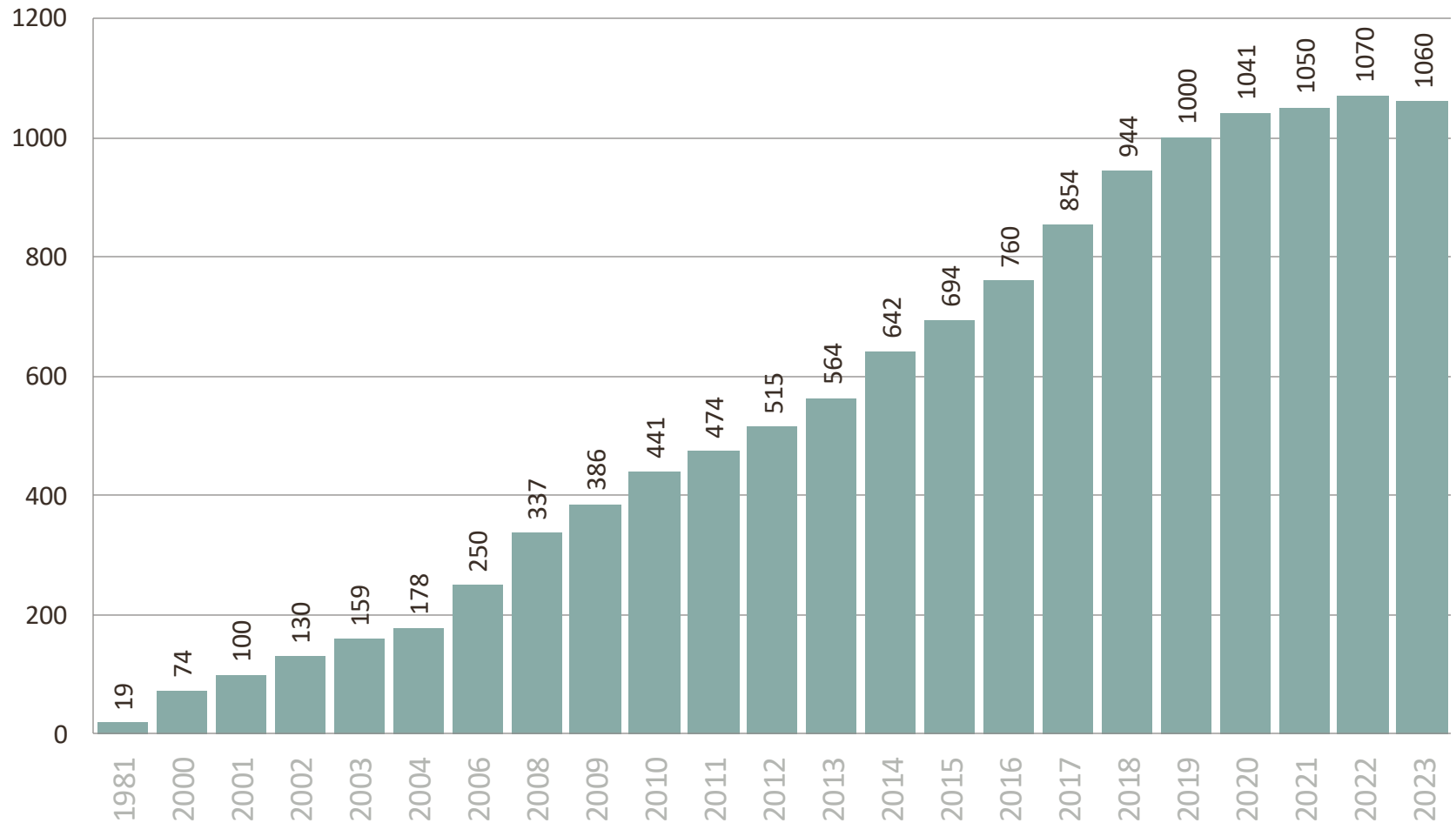
**\$8+ Billion**

Annual Wine Production

**12 Million Cases**

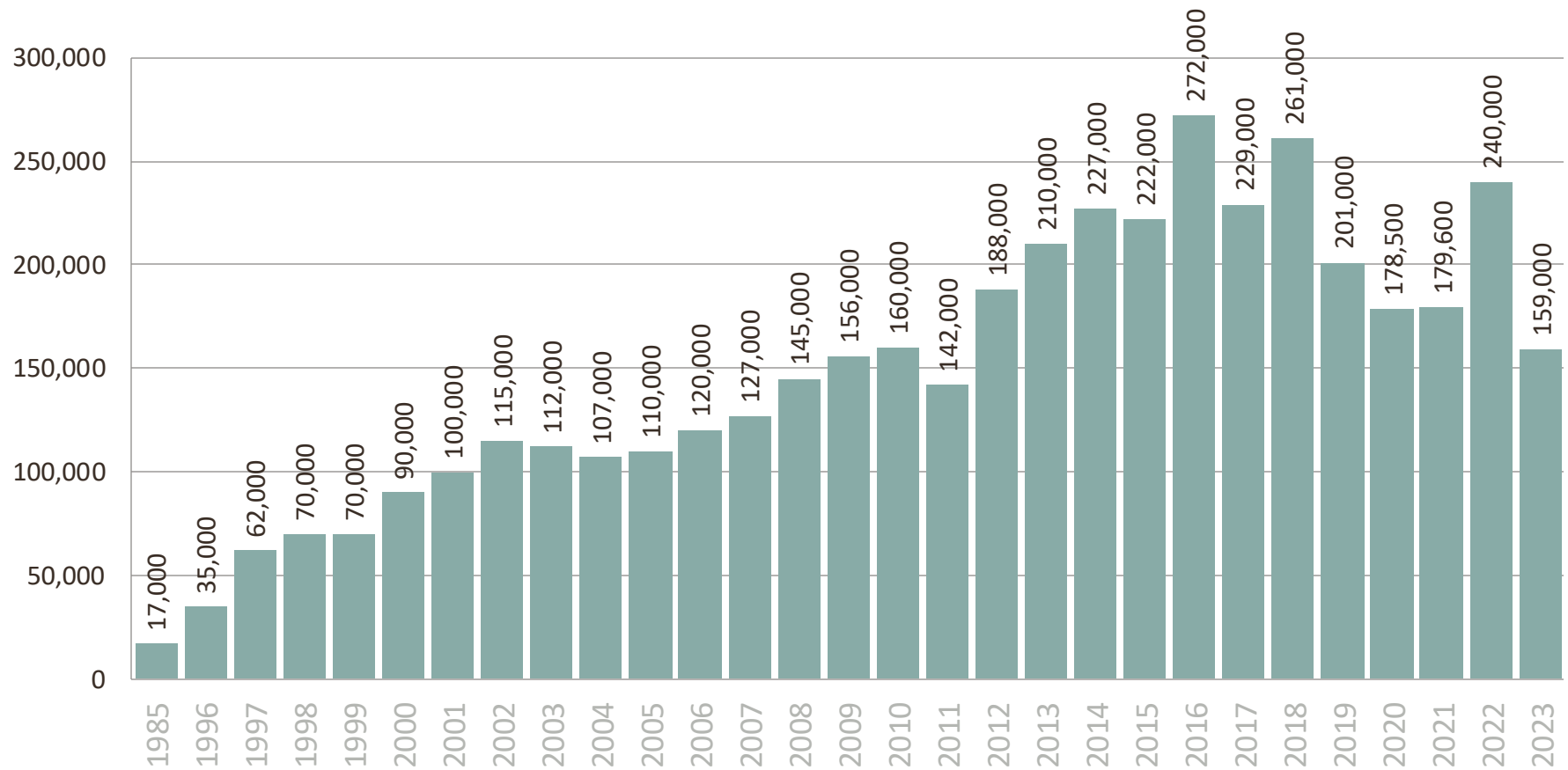
## LICENSED WINERIES

### NUMBER OF WINERIES

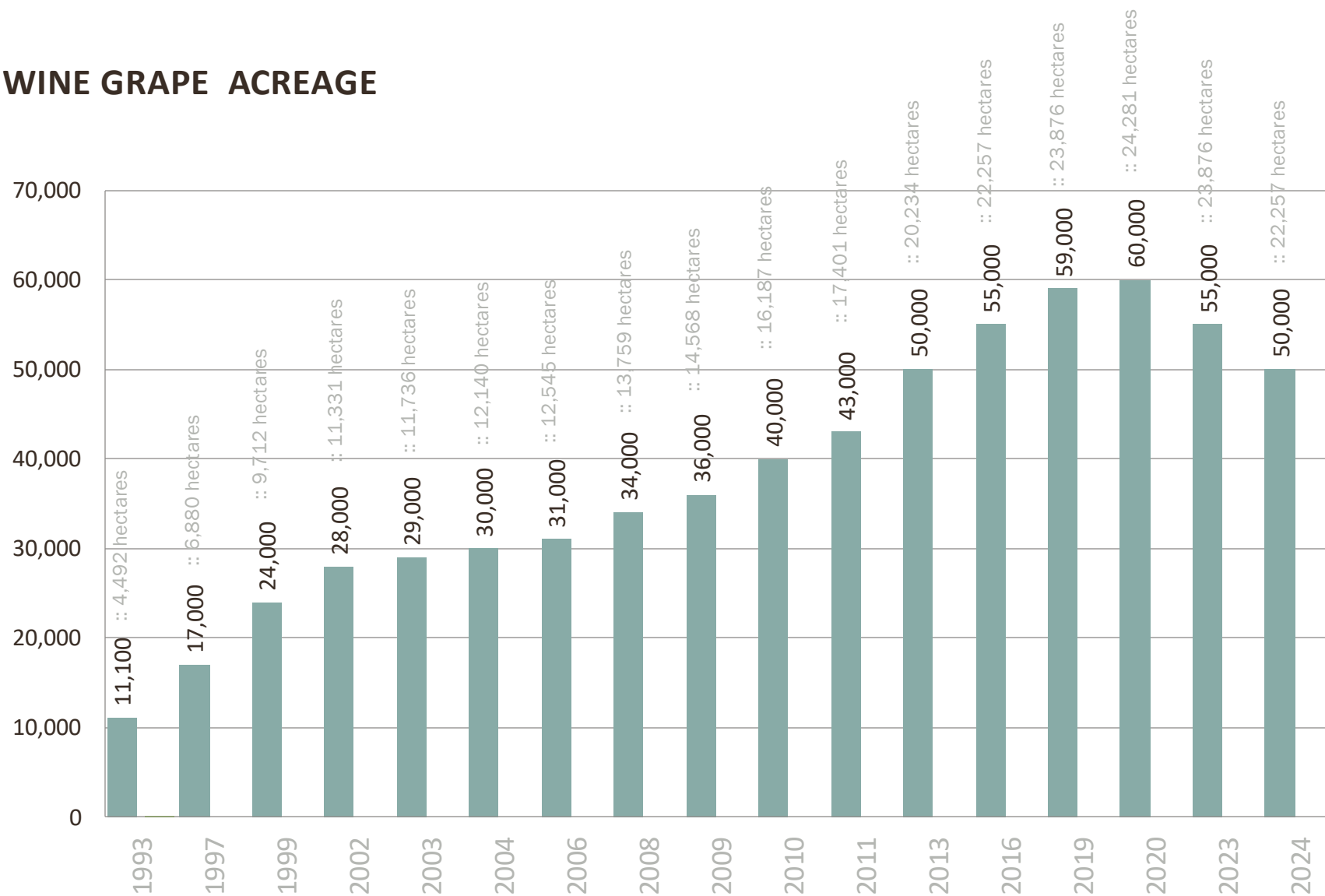


## WINE PRODUCTION

## TONS OF GRAPES CRUSHED



## WINE GRAPE ACREAGE



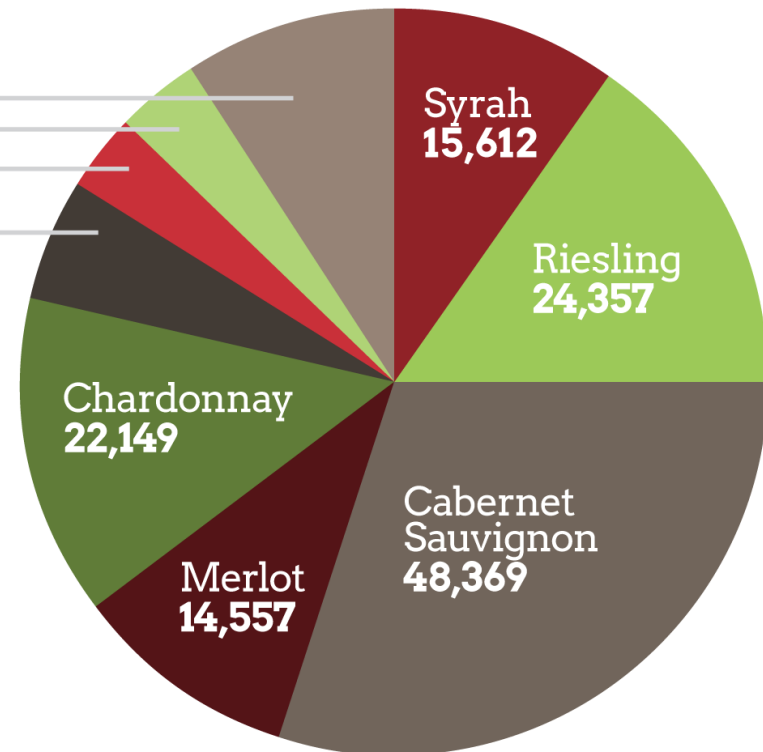
**159,000**  
TONS HARVESTED

**REDS** 93,027 TONS

**WHITE** 65,947 TONS

## GRAPE VARIETIES

Cabernet Franc – 2,707  
 Malbec – 3,131  
 Sangiovese – 1,366  
 Grenache Noir – 1,851  
 Petit Verdot – 896  
 Pinot Noir – 1,162  
 Mourvedre – 1,189  
 Other Red Varieties – 2,186  
  
 Gewurztraminer – 1,392  
 Viognier – 1,163  
 Semillon – 405  
 Chenin Blanc – 257  
 Other White Varieties – 1,990  
  
 Pinot Gris – 5,874  
  
 Sauvignon Blanc – 8,352



## SUMMARY

- Collaboration is key to success
- Young region, rich history
- Small family-owned wineries
- Room to grow!

The background of the image is a solid red color with a white topographic map pattern overlaid. The pattern consists of numerous concentric, wavy lines that represent contour lines on a map, creating a sense of depth and terrain. The lines are more densely packed in some areas and more spread out in others, particularly towards the bottom of the image where they form a complex, almost chaotic pattern.

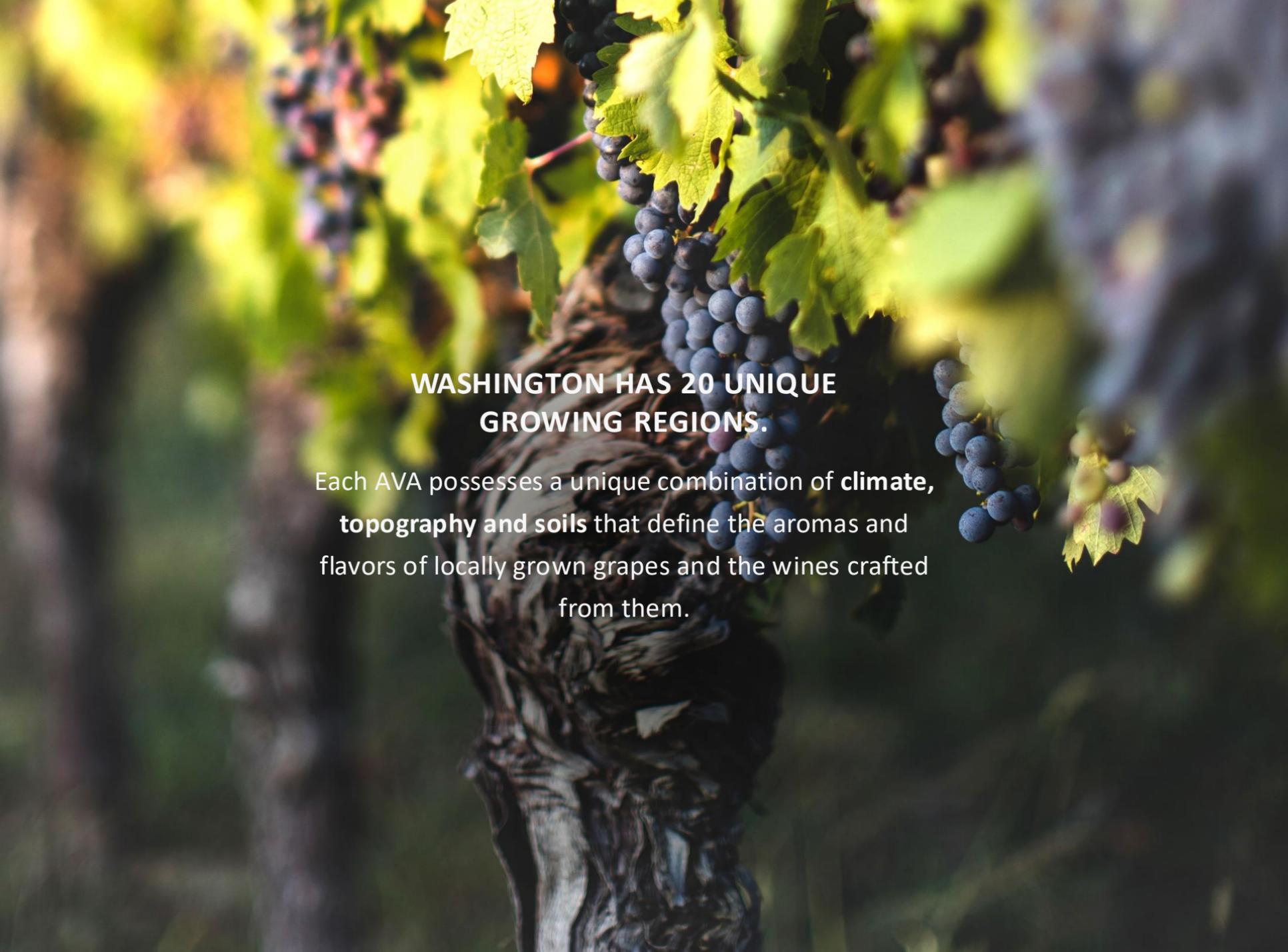
# WASHINGTON'S AVAs

# ter·roir

/ter'wär/

noun

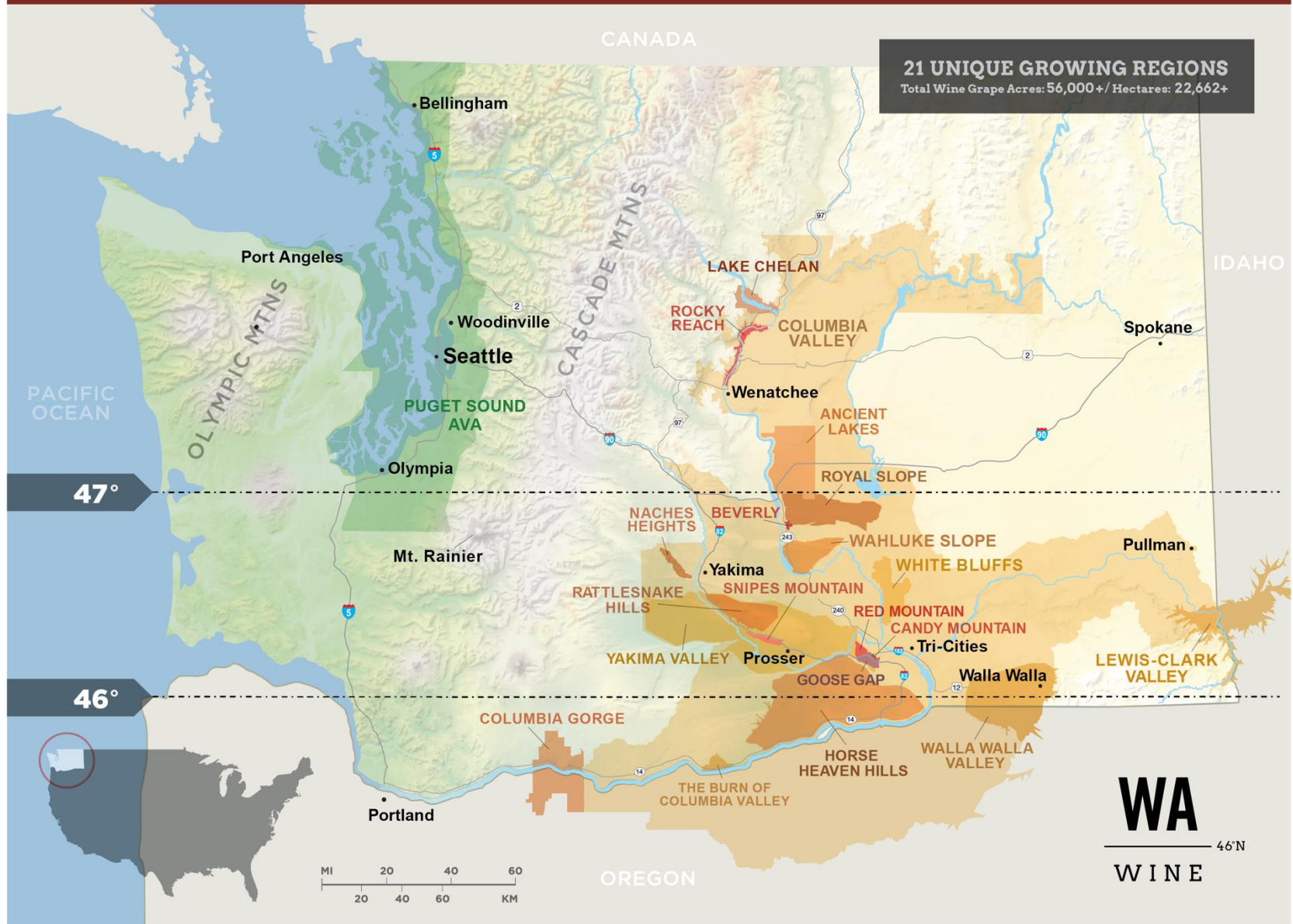
1. the complete natural environment in which a particular wine is produced, including factors such as the soil, topography, and climate.
2. the characteristic taste and flavor imparted to a wine by the environment in which it is produced.



**WASHINGTON HAS 20 UNIQUE  
GROWING REGIONS.**

Each AVA possesses a unique combination of **climate, topography and soils** that define the aromas and flavors of locally grown grapes and the wines crafted from them.

## WASHINGTON STATE | AMERICAN VITICULTURAL AREAS



## COLUMBIA VALLEY

Encompassing more than a quarter of the state, the Columbia Valley is by far Washington's largest growing region at nearly 11 million acres. Almost all of Washington's other growing regions are sub-appellations of the Columbia Valley.

**DESIGNATED:** 1984

**ACREAGE:**

Total acreage: 11,308,636 (4,576,442 hectares)

WA acreage: 8,748,949 (3,540,574 hectares)

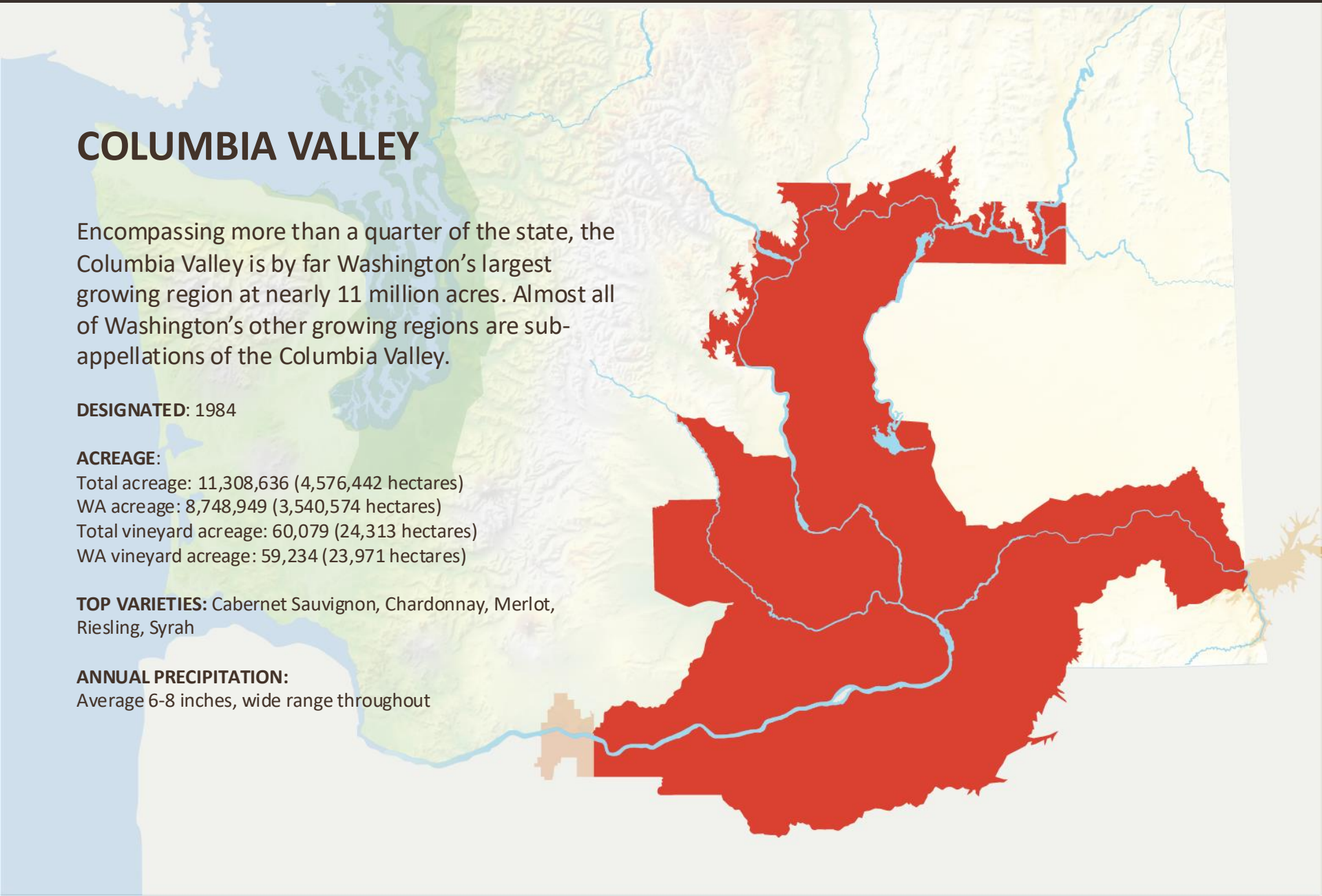
Total vineyard acreage: 60,079 (24,313 hectares)

WA vineyard acreage: 59,234 (23,971 hectares)

**TOP VARIETIES:** Cabernet Sauvignon, Chardonnay, Merlot, Riesling, Syrah

**ANNUAL PRECIPITATION:**

Average 6-8 inches, wide range throughout



Columbia Valley



## YAKIMA VALLEY

Washington State's first federally-recognized AVA, Yakima Valley has more than one quarter of Washington's total planted acreage. Yakima Valley is one of Washington's most diverse growing regions.

**DESIGNATED:** 1983

**ACREAGE:**

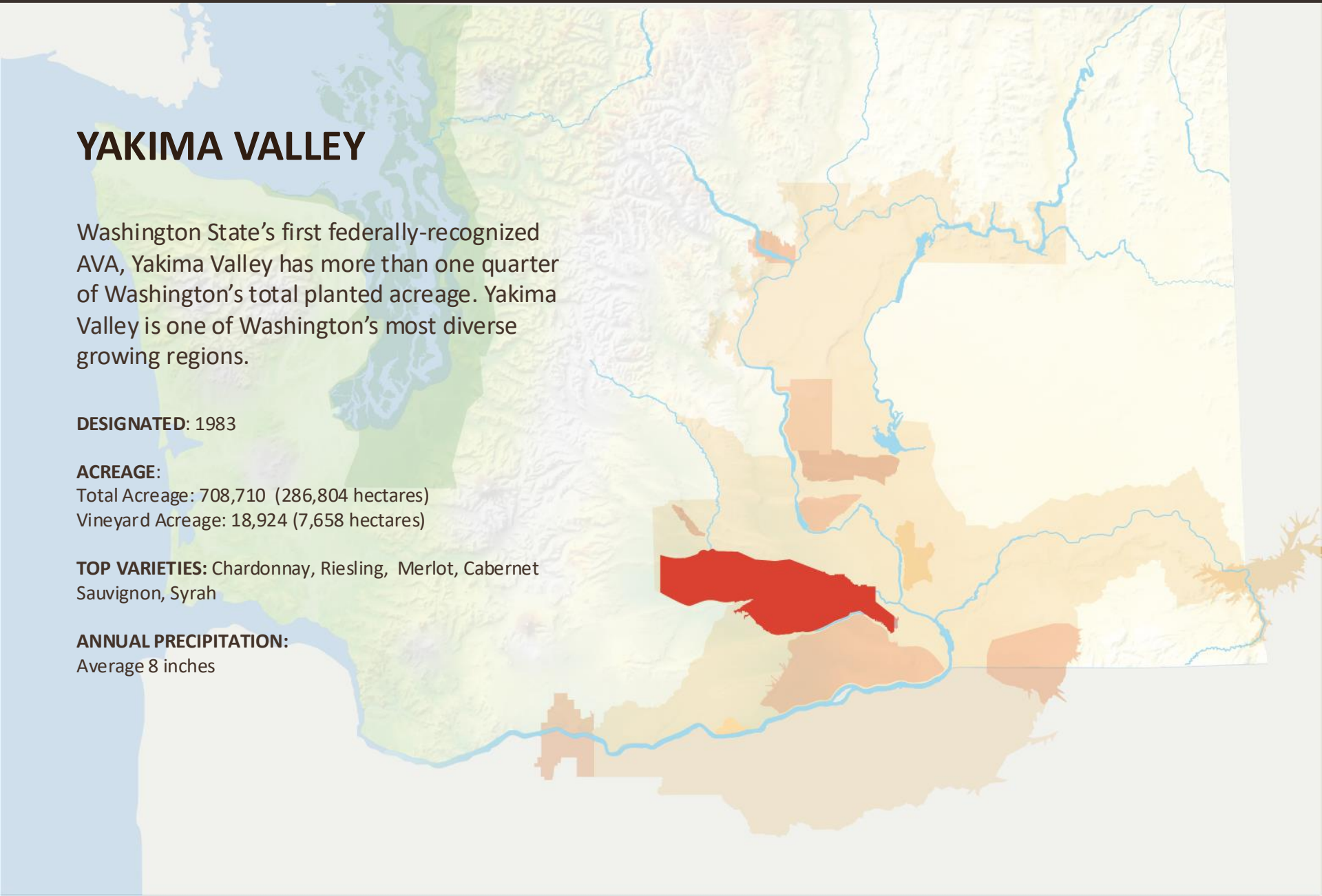
Total Acreage: 708,710 (286,804 hectares)

Vineyard Acreage: 18,924 (7,658 hectares)

**TOP VARIETIES:** Chardonnay, Riesling, Merlot, Cabernet Sauvignon, Syrah

**ANNUAL PRECIPITATION:**

Average 8 inches



Yakima Valley



## WALLA WALLA VALLEY

The Walla Walla Valley is home to some of Washington's oldest wineries and has the highest concentration of wineries in the state.

**DESIGNATED:** 1984

**VINEYARDS:**

Total acreage: 319,427 (129,267 hectares)

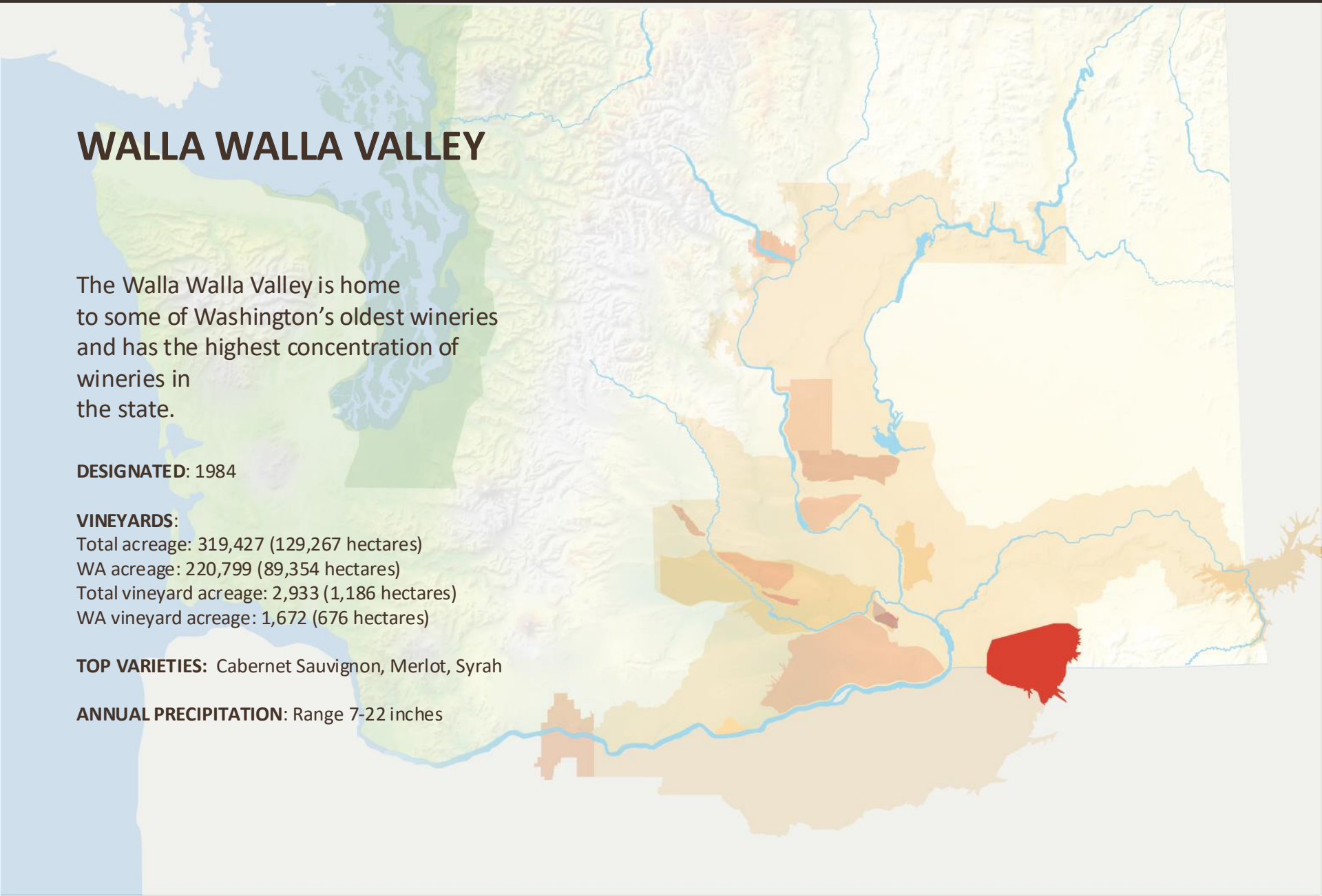
WA acreage: 220,799 (89,354 hectares)

Total vineyard acreage: 2,933 (1,186 hectares)

WA vineyard acreage: 1,672 (676 hectares)

**TOP VARIETIES:** Cabernet Sauvignon, Merlot, Syrah

**ANNUAL PRECIPITATION:** Range 7-22 inches



Walla Walla Valley





## PUGET SOUND

Washington's only appellation located west of the Cascade crest, Puget Sound is unique for Washington in that it has a maritime climate. The appellation enjoys long, mild and dry summers, but gets enough rainfall to grow grapes without irrigation, unlike most growing regions east of the crest.

**DESIGNATED:** 1995

**Acreage:**

Total acreage: 2,918,765 (1,181,182 hectares)

Vineyard acreage: 104 (42 hectares)

**TOP VARIETIES:** Madeleine Angevine, Siegerrebe, Muller-Thurgau, Pinot Gris, Pinot Noir

**ANNUAL PRECIPITATION:** Range 15-60 inches

Bainbridge Island, Puget Sound



## RED MOUNTAIN

At 4,040 acres, Red Mountain is one of Washington's smallest and typically its warmest appellation, where growing season daytime temperatures average 90 degrees, gets only 5 inches (127 mm) of rain each year. It is dedicated almost exclusively to red wine grapes and produces some of the state's most sought-after grapes.

**DESIGNATED:** 2001

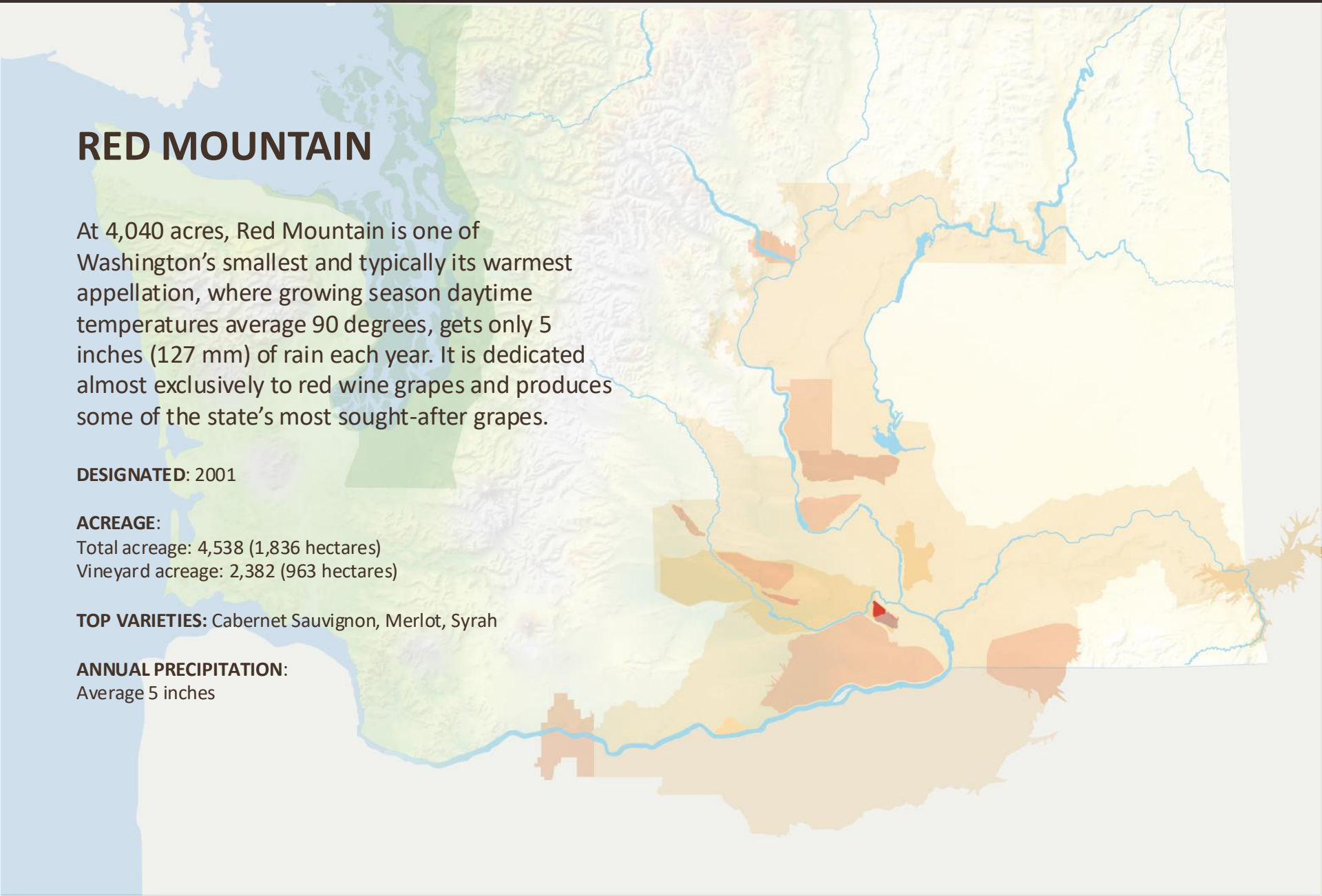
**ACREAGE:**

Total acreage: 4,538 (1,836 hectares)  
Vineyard acreage: 2,382 (963 hectares)

**TOP VARIETIES:** Cabernet Sauvignon, Merlot, Syrah

**ANNUAL PRECIPITATION:**

Average 5 inches



Red Mountain



## COLUMBIA GORGE

The Columbia Gorge is the state's westernmost appellation east of the Cascade Mountains. A shared appellation with Oregon, the Columbia Gorge has very dry regions to the east as well as areas to the west that receive so much rain they are able to dry farm.

**DESIGNATED:** 2004

**ACREAGE:**

Total acreage: 186,610 (75,518 Hectares)

WA acreage: 66,604 (26,953 Hectares)

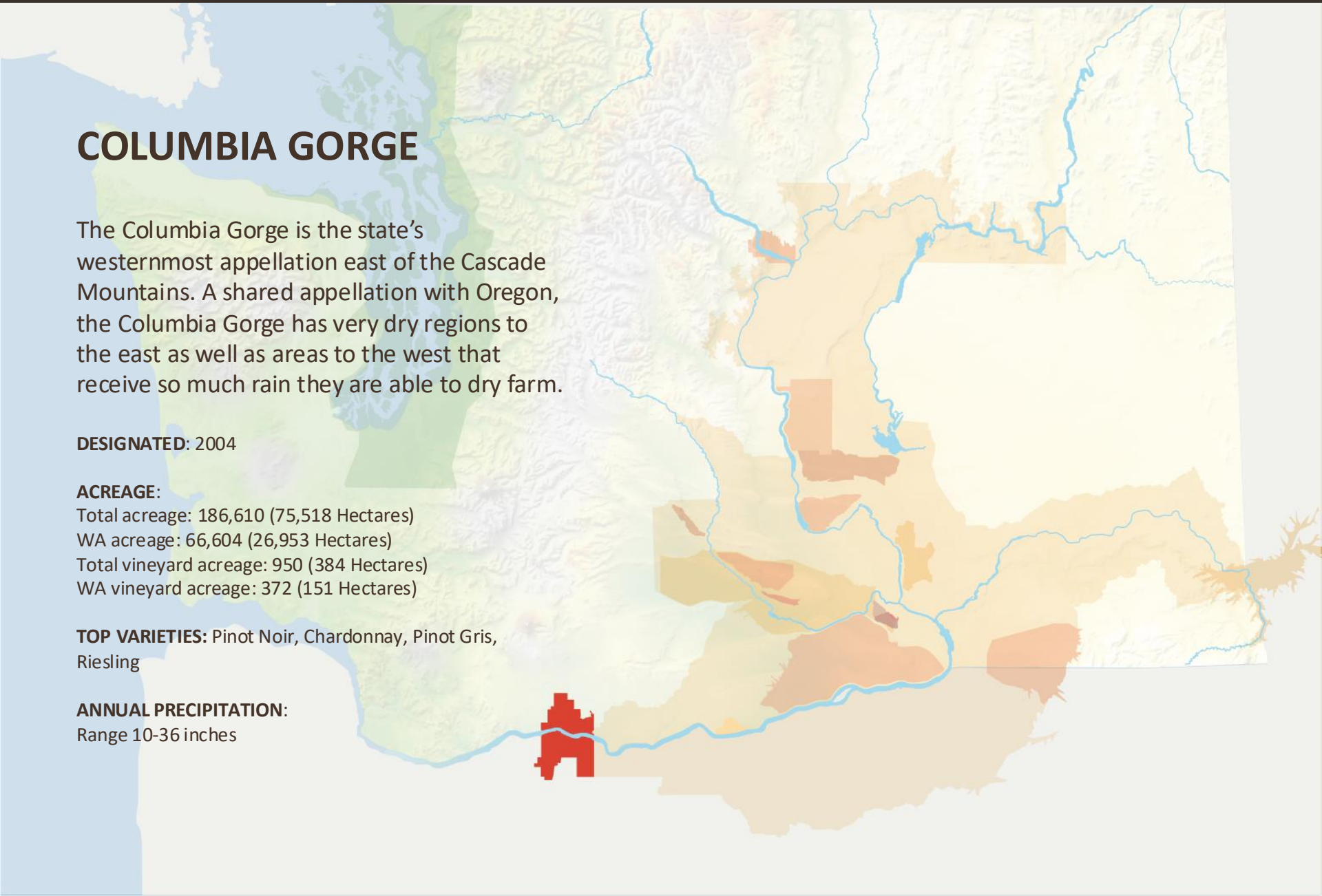
Total vineyard acreage: 950 (384 Hectares)

WA vineyard acreage: 372 (151 Hectares)

**TOP VARIETIES:** Pinot Noir, Chardonnay, Pinot Gris, Riesling

**ANNUAL PRECIPITATION:**

Range 10-36 inches



Columbia Gorge



## HORSE HEAVEN HILLS

The Horse Heaven Hills is home to over one quarter of Washington's planted acreage. It is a warm region, but with consistent winds that allow a wide variety of grapes to ripen successfully.

**DESIGNATED:** 2005

**ACREAGE:**

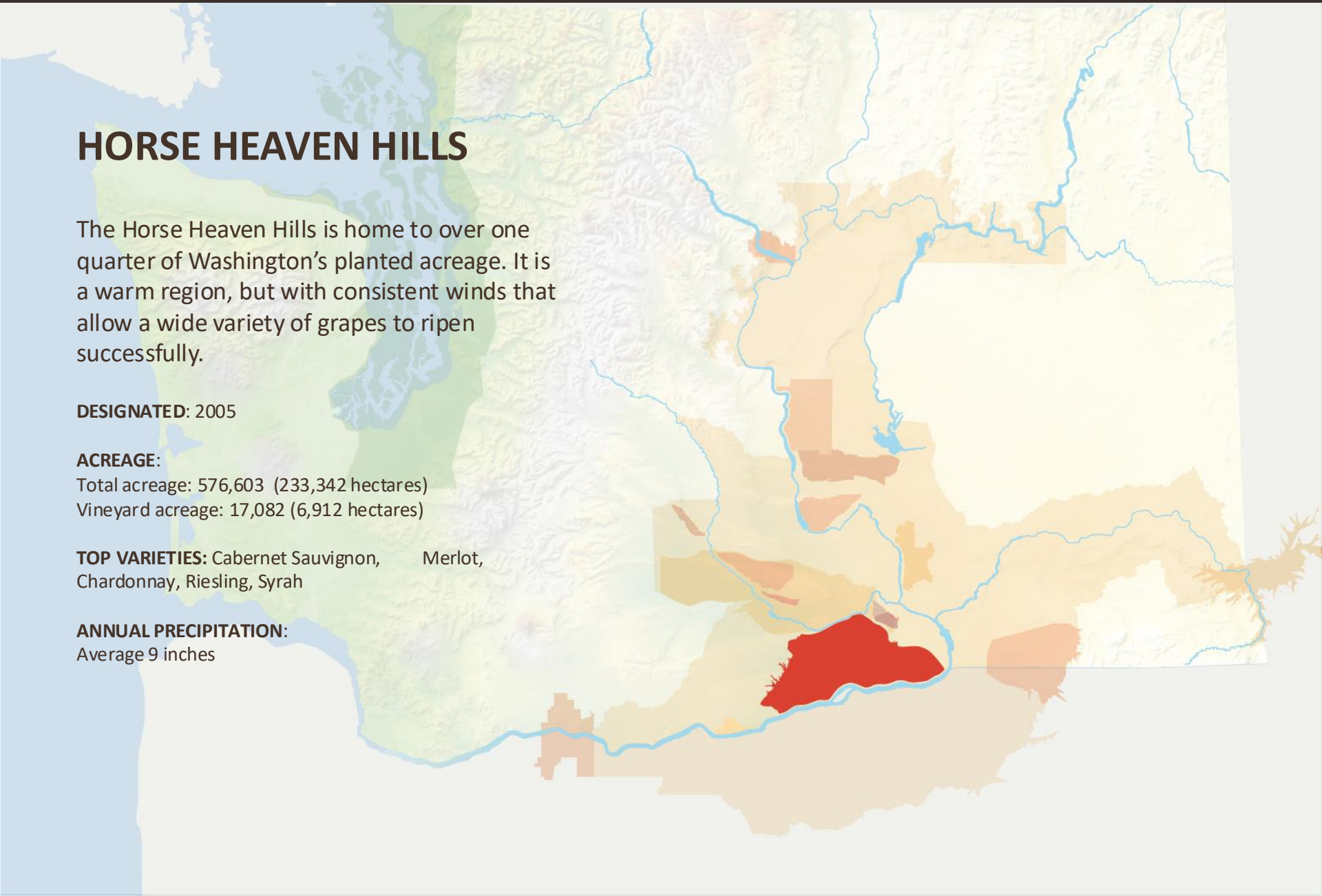
Total acreage: 576,603 (233,342 hectares)

Vineyard acreage: 17,082 (6,912 hectares)

**TOP VARIETIES:** Cabernet Sauvignon, Merlot,  
Chardonnay, Riesling, Syrah

**ANNUAL PRECIPITATION:**

Average 9 inches



## Horse Heaven Hills



## WAHLUKE SLOPE

The Wahluke Slope is a large alluvial fan that stretches down to the Columbia River. It is known for its gentle grade and consistency of aspect. It is a dry, very warm site near the center of the larger Columbia Valley AVA.

**DESIGNATED:** 2006

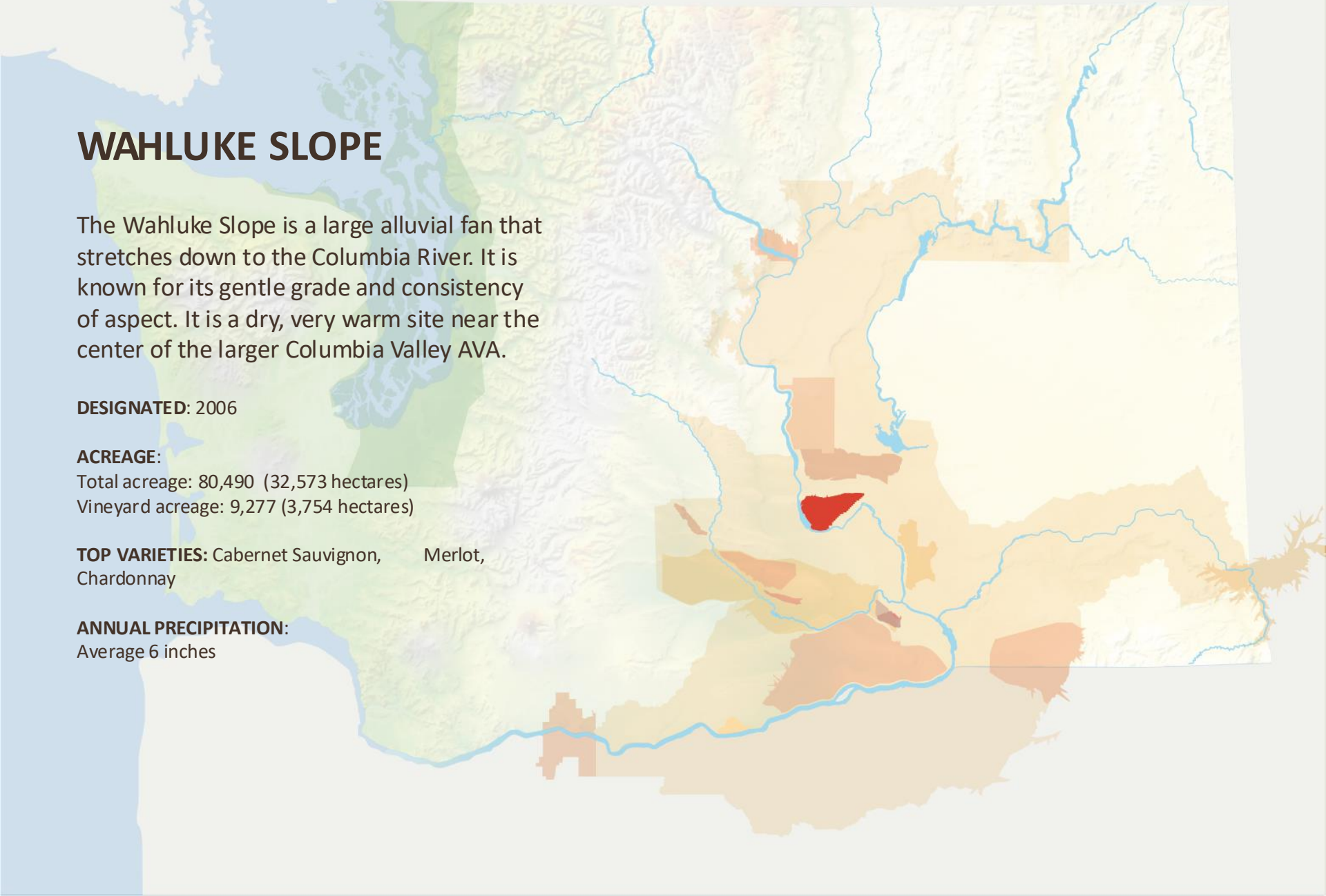
**ACREAGE:**

Total acreage: 80,490 (32,573 hectares)  
Vineyard acreage: 9,277 (3,754 hectares)

**TOP VARIETIES:** Cabernet Sauvignon, Merlot,  
Chardonnay

**ANNUAL PRECIPITATION:**

Average 6 inches



Wahluke Slope



## RATTLESNAKE HILLS

The Rattlesnake Hills AVA is located along the north-central edge of the Yakima Valley appellation. The high elevation of the Yakima Ridge to the north of the Rattlesnake Hills protects the area from winter freezes that can affect other areas of the state.

**DESIGNATED:** 2006

**ACREAGE:**

Total acreage: 74,380 (30,100 hectares)

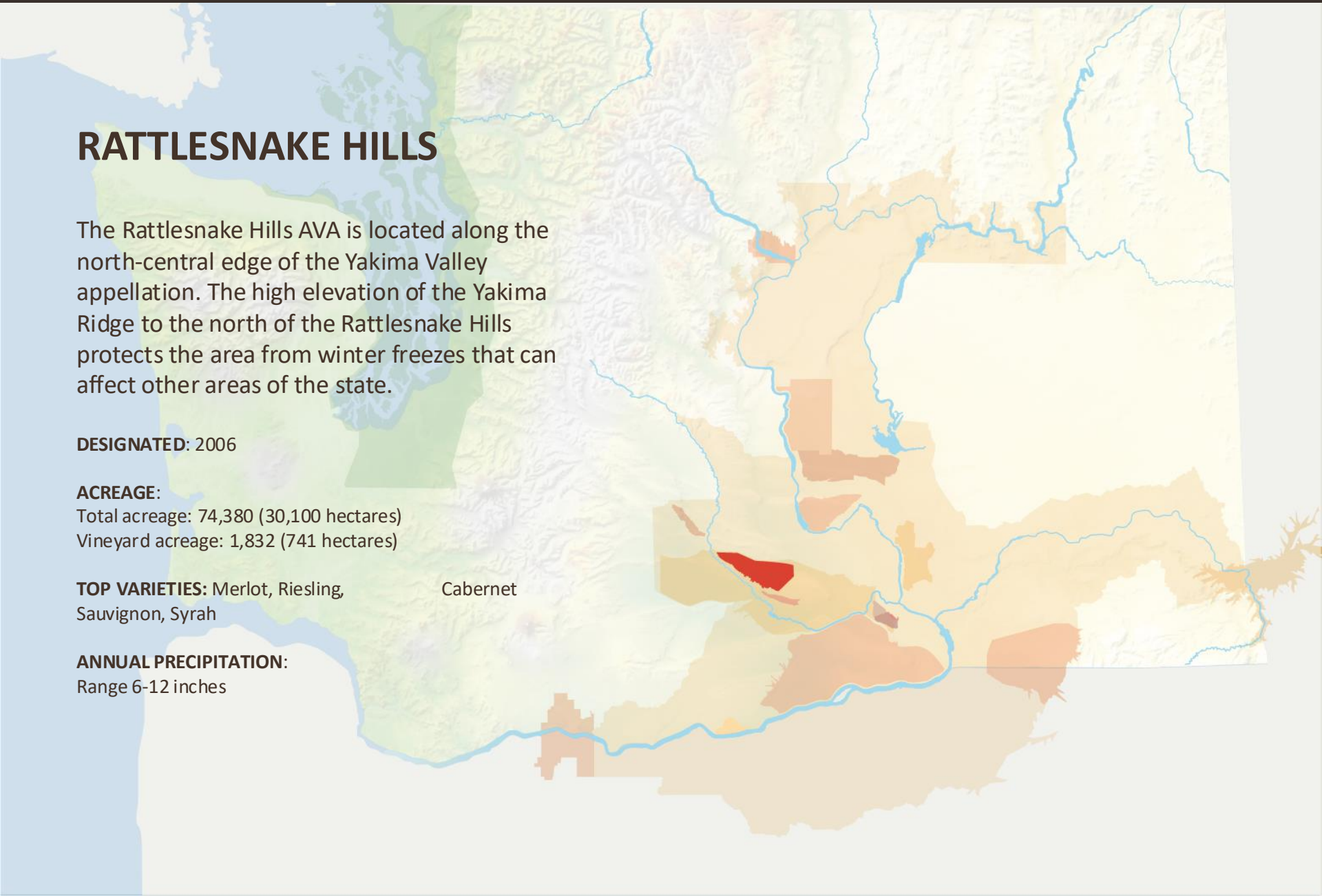
Vineyard acreage: 1,832 (741 hectares)

**TOP VARIETIES:** Merlot, Riesling,  
Sauvignon, Syrah

Cabernet

**ANNUAL PRECIPITATION:**

Range 6-12 inches



Rattlesnake Hills



## LAKE CHELAN

This AVA wraps around the tourist-popular Lake Chelan. The lake has a moderating effect on summer and winter temperatures, which along with its more northern location allows it to excel at cooler climate grapes. The appellation also has a granitic bedrock, compared to the basalt bedrock of the rest of the Columbia Valley.

**DESIGNATED:** 2009

**ACREAGE:**

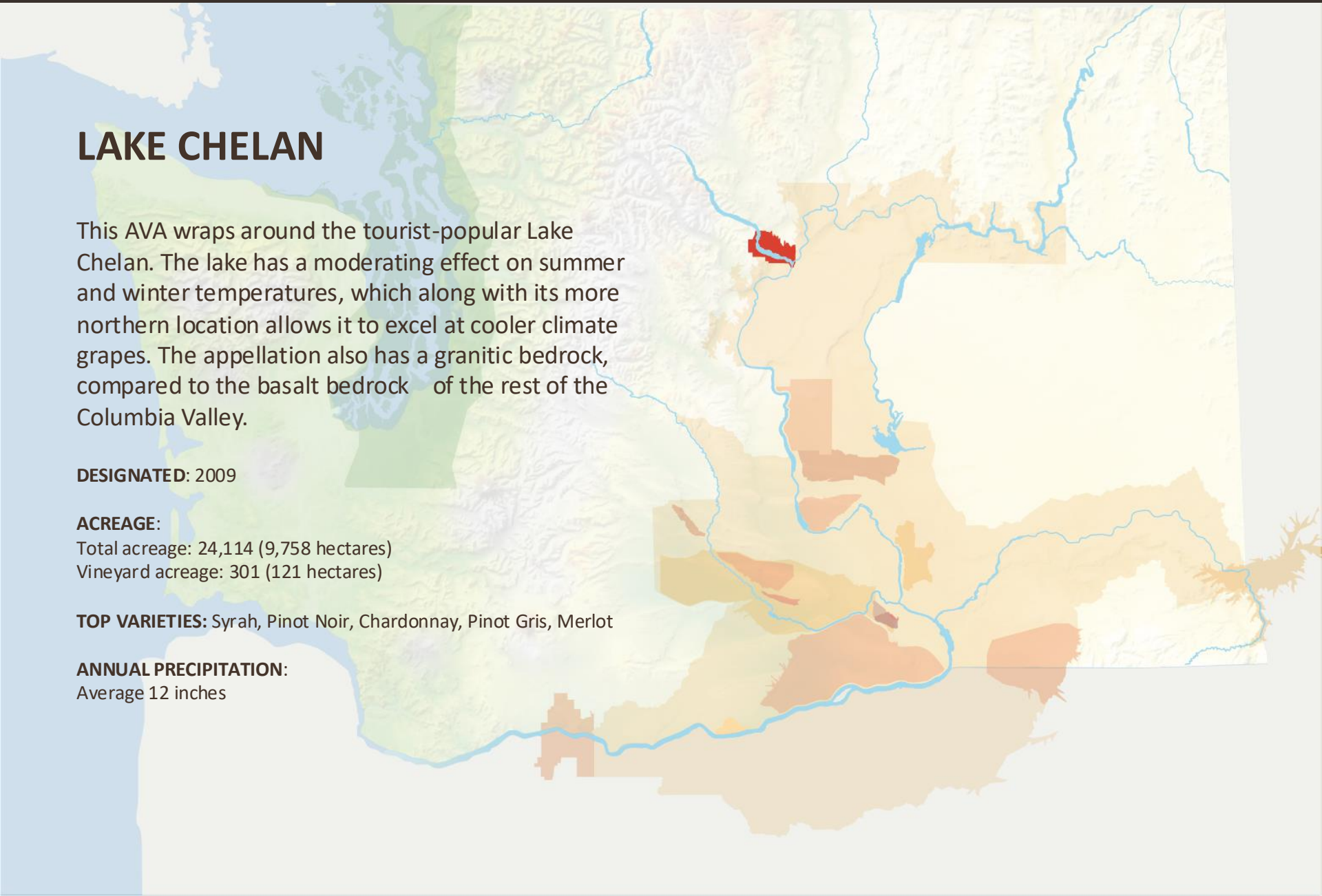
Total acreage: 24,114 (9,758 hectares)

Vineyard acreage: 301 (121 hectares)

**TOP VARIETIES:** Syrah, Pinot Noir, Chardonnay, Pinot Gris, Merlot

**ANNUAL PRECIPITATION:**

Average 12 inches



Lake Chelan



## SNIPES MOUNTAIN

Snipes Mountain is an anticline of the Yakima Fold belt, elevated from its surroundings and containing unique soils from the ancestral riverbed of the Columbia River. It contains some of the state's oldest grape vines.

**DESIGNATED:** 2009

**ACREAGE:**

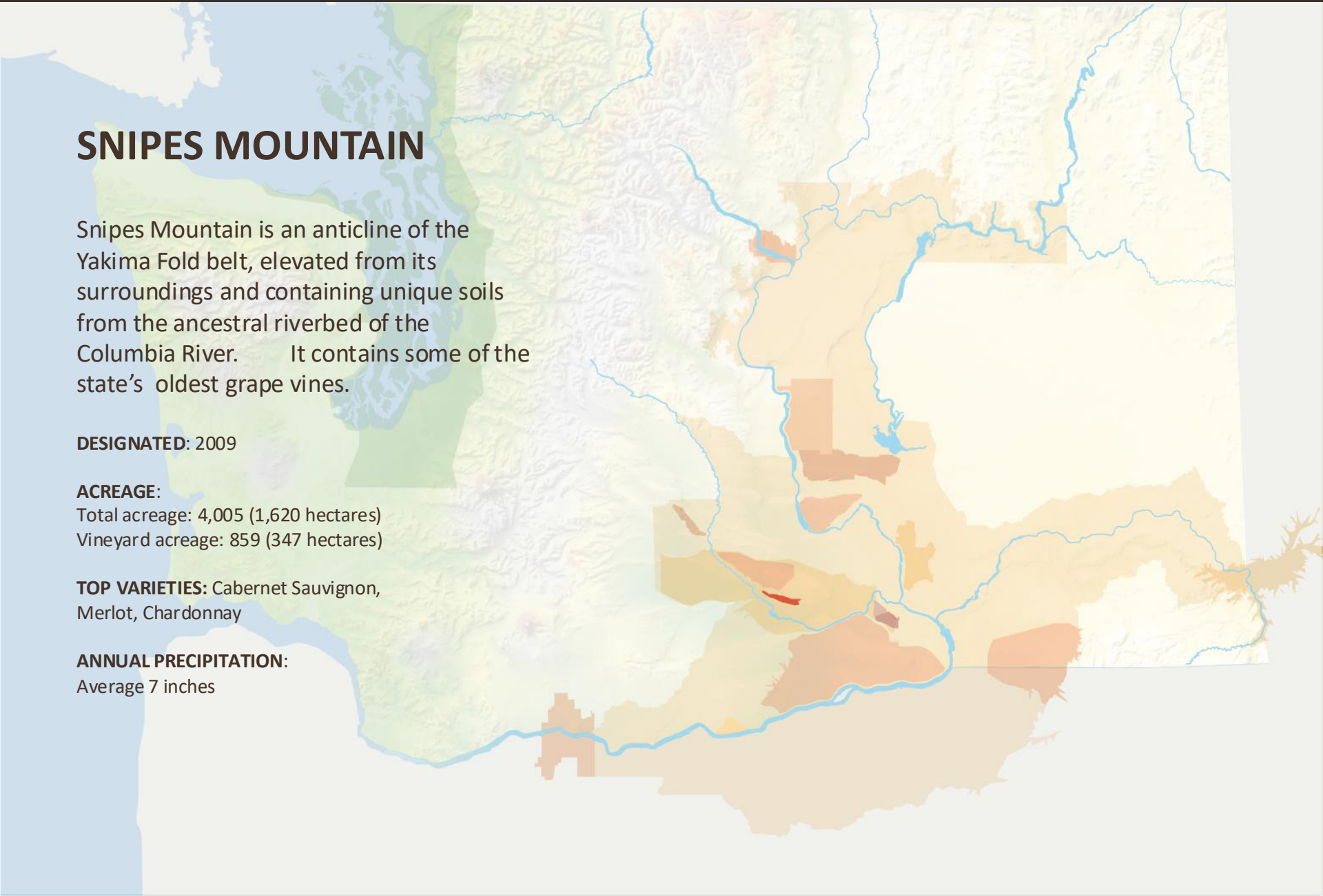
Total acreage: 4,005 (1,620 hectares)

Vineyard acreage: 859 (347 hectares)

**TOP VARIETIES:** Cabernet Sauvignon, Merlot, Chardonnay

**ANNUAL PRECIPITATION:**

Average 7 inches



Snipes Mountain



## NACHES HEIGHTS

Naches Heights is an extremely young growing region, with its first vinifera plantings in 2002. The AVA sits on a volcanic plateau and all of the vines planted in the appellation are biodynamic or organically farmed.

**DESIGNATED:** 2011

**ACREAGE:**

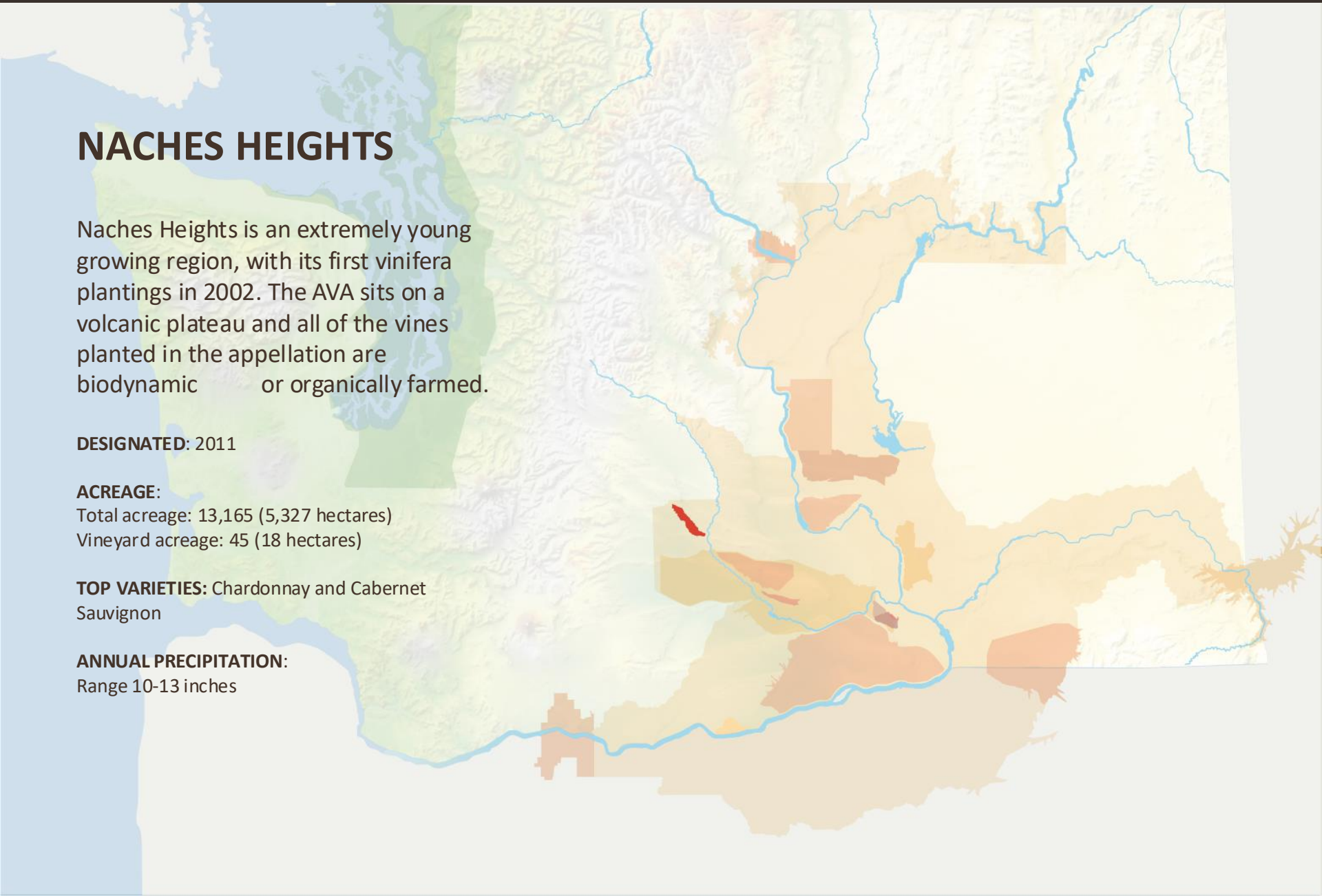
Total acreage: 13,165 (5,327 hectares)

Vineyard acreage: 45 (18 hectares)

**TOP VARIETIES:** Chardonnay and Cabernet Sauvignon

**ANNUAL PRECIPITATION:**

Range 10-13 inches



Naches Heights



## ANCIENT LAKES OF COLUMBIA VALLEY

Named after a series of 35 lakes that dot the area, the Ancient Lakes more northerly location contributes to large diurnal swings and cooler fall temperatures that help lock in acidity. The area is dominated by white varieties.

**DESIGNATED:** 2012

**ACREAGE:**

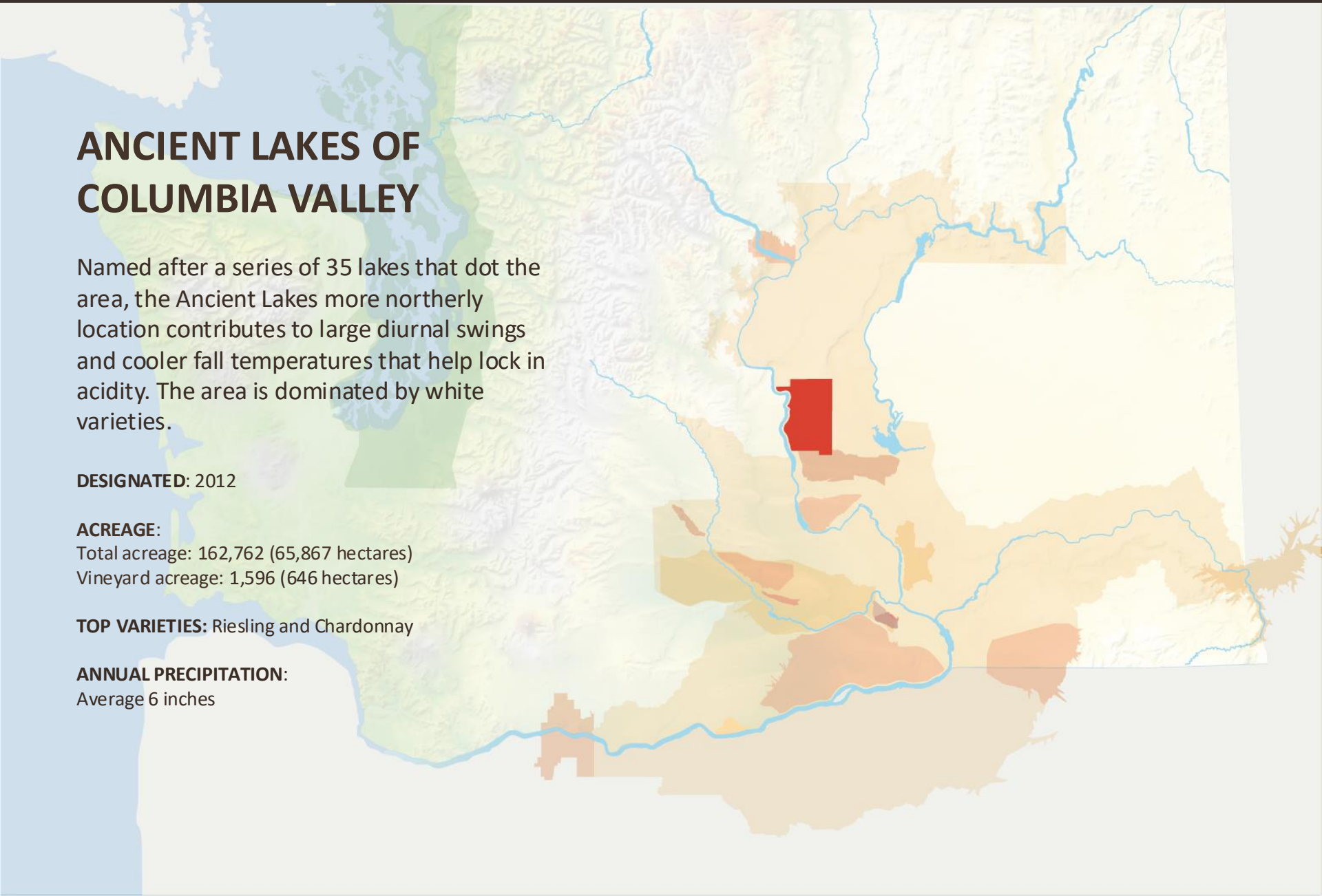
Total acreage: 162,762 (65,867 hectares)

Vineyard acreage: 1,596 (646 hectares)

**TOP VARIETIES:** Riesling and Chardonnay

**ANNUAL PRECIPITATION:**

Average 6 inches



## Ancient Lakes



## LEWIS-CLARK VALLEY

The Lewis-Clark Valley AVA's soil is comprised of decomposing perennial grasses and grass roots with capacity to hold water. The region has good planting areas that are easy to develop and contains air drainage characteristics that are ideal for wine grapes.

**DESIGNATED:** 2016

**VINEYARDS:**

Total acreage: 306,650 (124,096 Hectares)

WA acreage: 85,238 (34,494 Hectares)

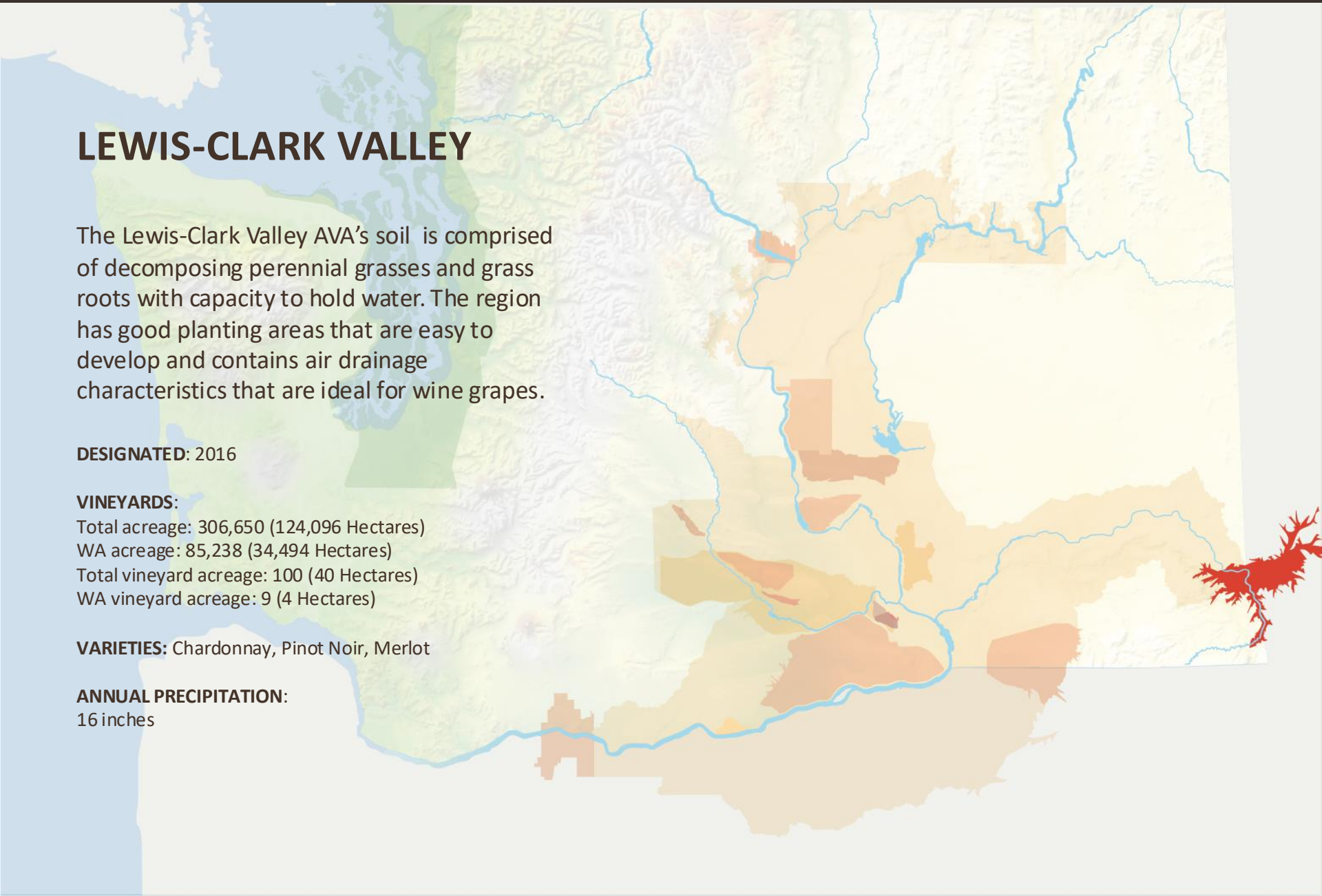
Total vineyard acreage: 100 (40 Hectares)

WA vineyard acreage: 9 (4 Hectares)

**VARIETIES:** Chardonnay, Pinot Noir, Merlot

**ANNUAL PRECIPITATION:**

16 inches



Lewis-Clark Valley



## ROYAL SLOPE

Royal Slope is comprised mostly of south-facing slopes, highly regarded in the Pacific Northwest because of the northerly latitude. There are more than 20 different varieties planted within the appellation.

**DESIGNATED:** 2020

**ACREAGE:**

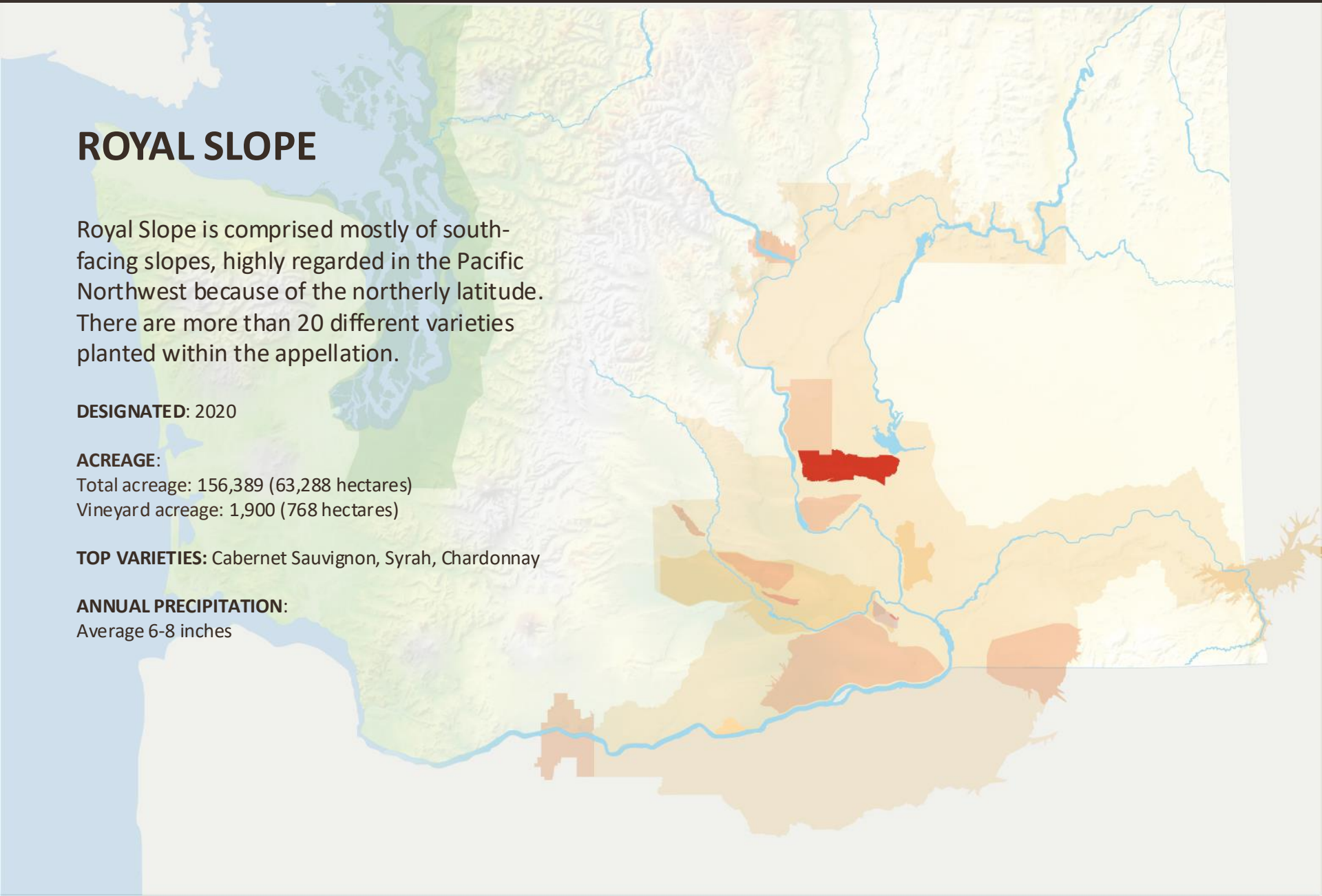
Total acreage: 156,389 (63,288 hectares)

Vineyard acreage: 1,900 (768 hectares)

**TOP VARIETIES:** Cabernet Sauvignon, Syrah, Chardonnay

**ANNUAL PRECIPITATION:**

Average 6-8 inches



Royal Slope



## CANDY MOUNTAIN

Candy Mountain is Washington's smallest appellation. There are currently 110 acres of vineyards, almost all of which are red varieties. It's located on a very warm, isolated mountain with excellent cold air drainage that rises above lower elevation plains.

**DESIGNATED:** 2020

**ACREAGE:**

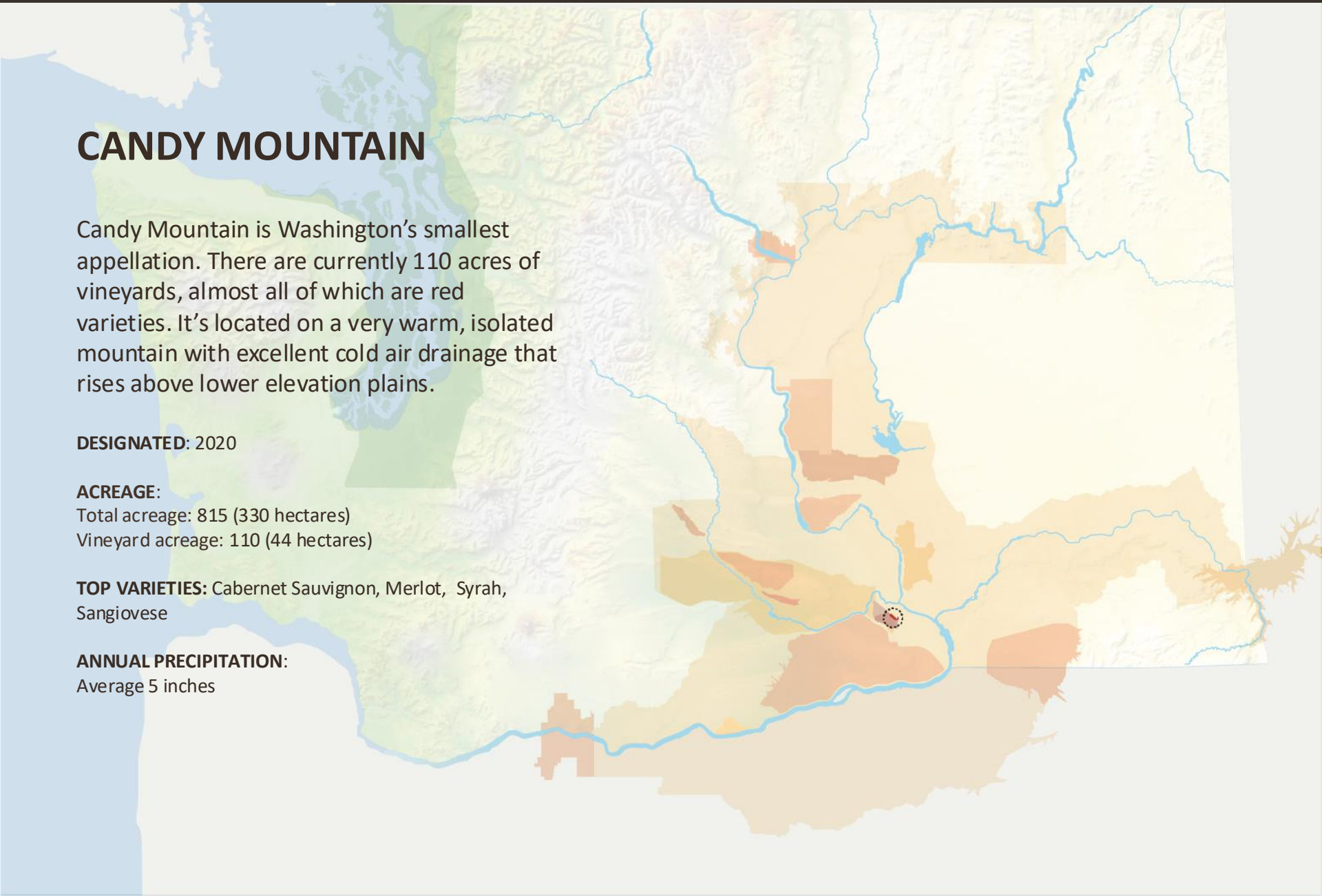
Total acreage: 815 (330 hectares)

Vineyard acreage: 110 (44 hectares)

**TOP VARIETIES:** Cabernet Sauvignon, Merlot, Syrah, Sangiovese

**ANNUAL PRECIPITATION:**

Average 5 inches



Candy Mountain Vineyard



## THE BURN OF COLUMBIA VALLEY

Located west of the Horse Heaven Hills, The Burn of Columbia Valley experiences a long growing season, slightly more precipitation compared to other regions, and notable impacts from wind coming up from the Columbia Gorge. There are approximately 1,500 acres of wine grapes currently planted, and Cabernet Sauvignon is the majority variety.

**DESIGNATED:** 2021

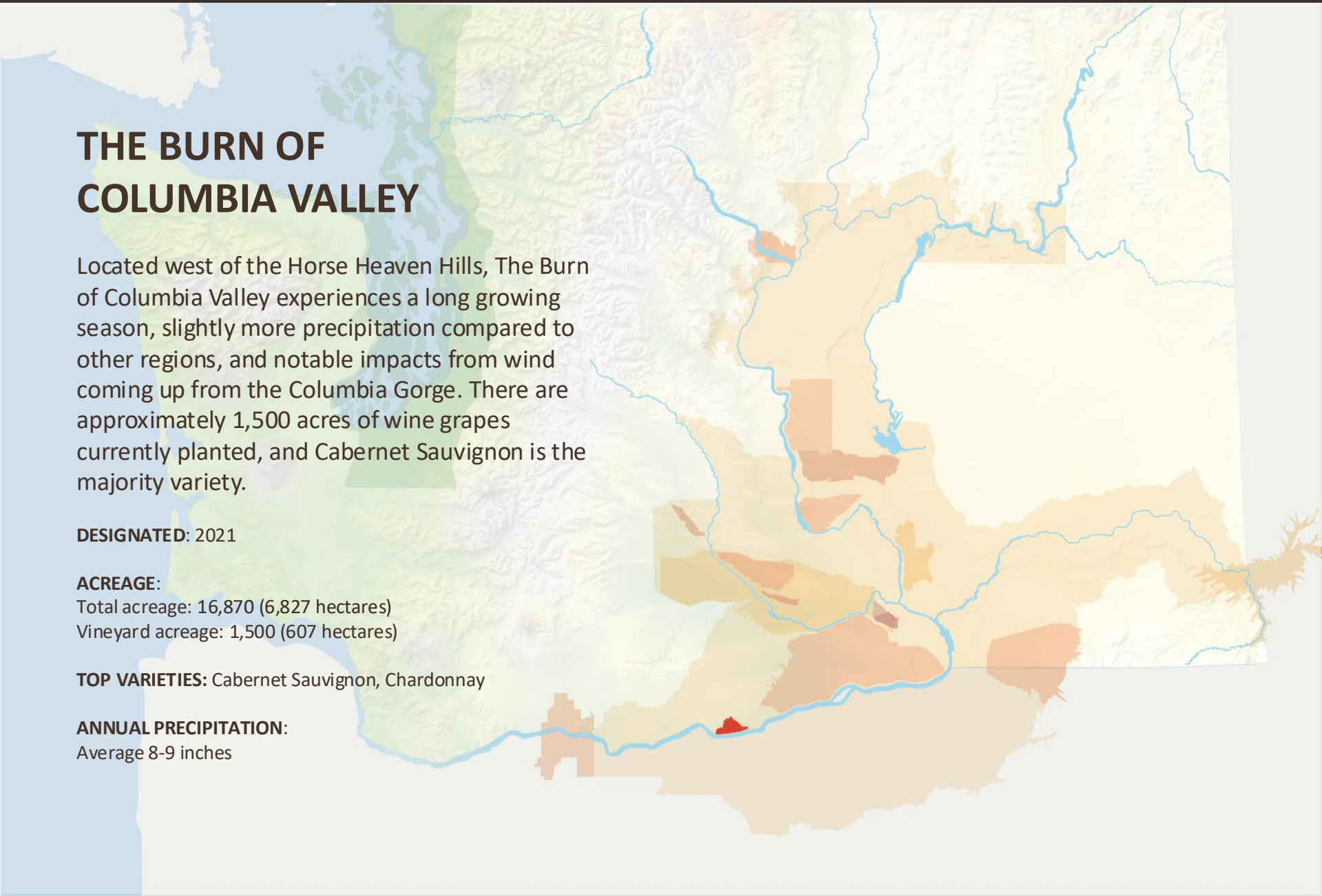
**ACREAGE:**

Total acreage: 16,870 (6,827 hectares)  
Vineyard acreage: 1,500 (607 hectares)

**TOP VARIETIES:** Cabernet Sauvignon, Chardonnay

**ANNUAL PRECIPITATION:**

Average 8-9 inches



The Burn of Columbia Valley



## WHITE BLUFFS

Nearly one out of every 10 wineries in Washington sources wine grapes from the White Bluffs AVA. Located in the middle of the Columbia Valley, several vineyards within the AVA are 40+ years old. White Bluffs encompasses two plateaus that rise above the surrounding plains, and the added elevation protects the vines from cold air on the valley floor to extend the growing season.

**DESIGNATED:** 2021

**ACREAGE:**

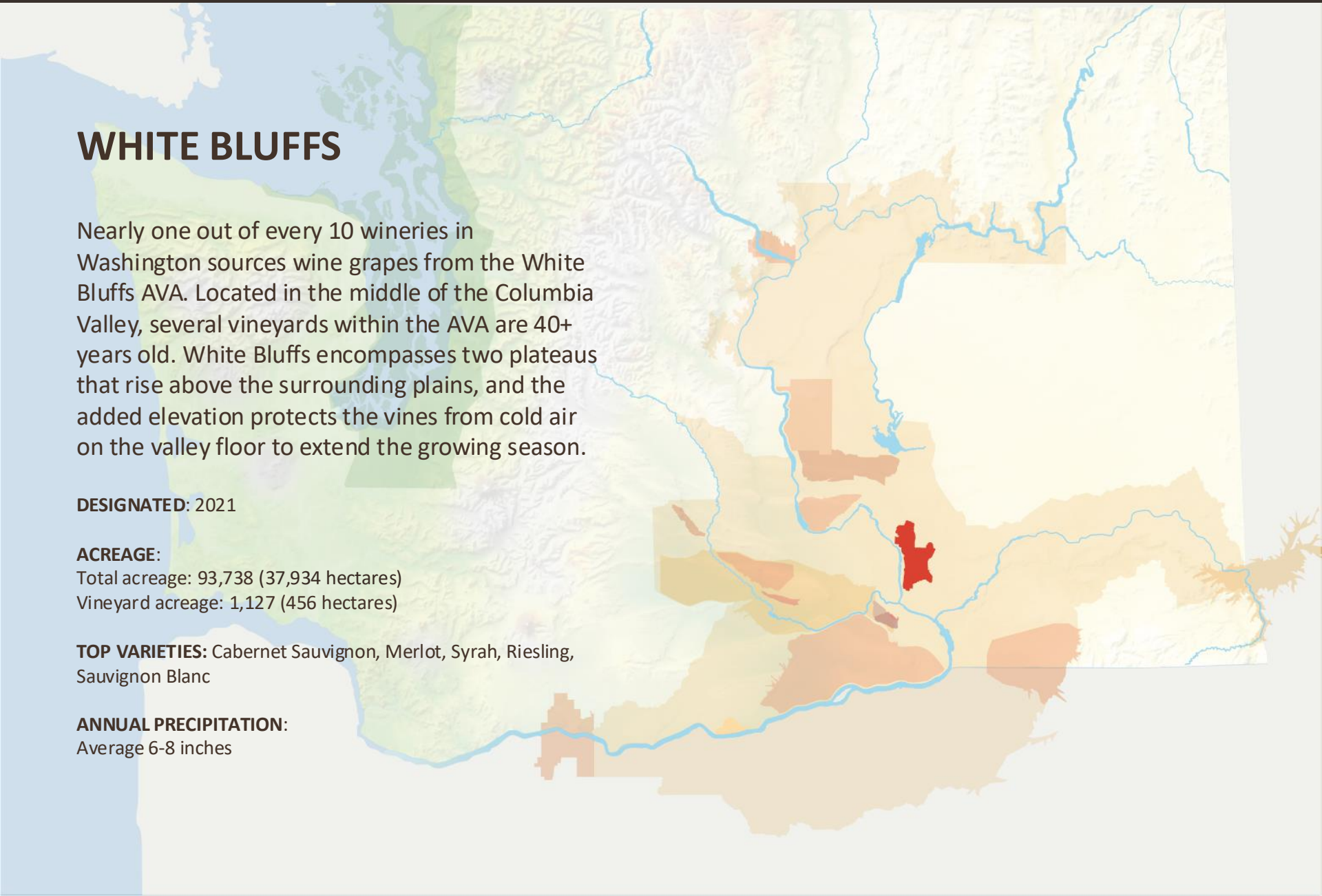
Total acreage: 93,738 (37,934 hectares)

Vineyard acreage: 1,127 (456 hectares)

**TOP VARIETIES:** Cabernet Sauvignon, Merlot, Syrah, Riesling, Sauvignon Blanc

**ANNUAL PRECIPITATION:**

Average 6-8 inches



White Bluffs



## GOOSE GAP

Goose Gap and the adjoining Goose Mountain create a rough triangle between Candy Mountain, Red Mountain and Badger Mountain. The orientation of Goose Mountain is east to west, whereas almost all nearby hills are northwest to southeast. Vineyards are dominantly planted on north and northeast slopes as opposed to nearby vineyards on south or southwest slopes, which leads to less solar radiation and later ripening.

**DESIGNATED:** 2021

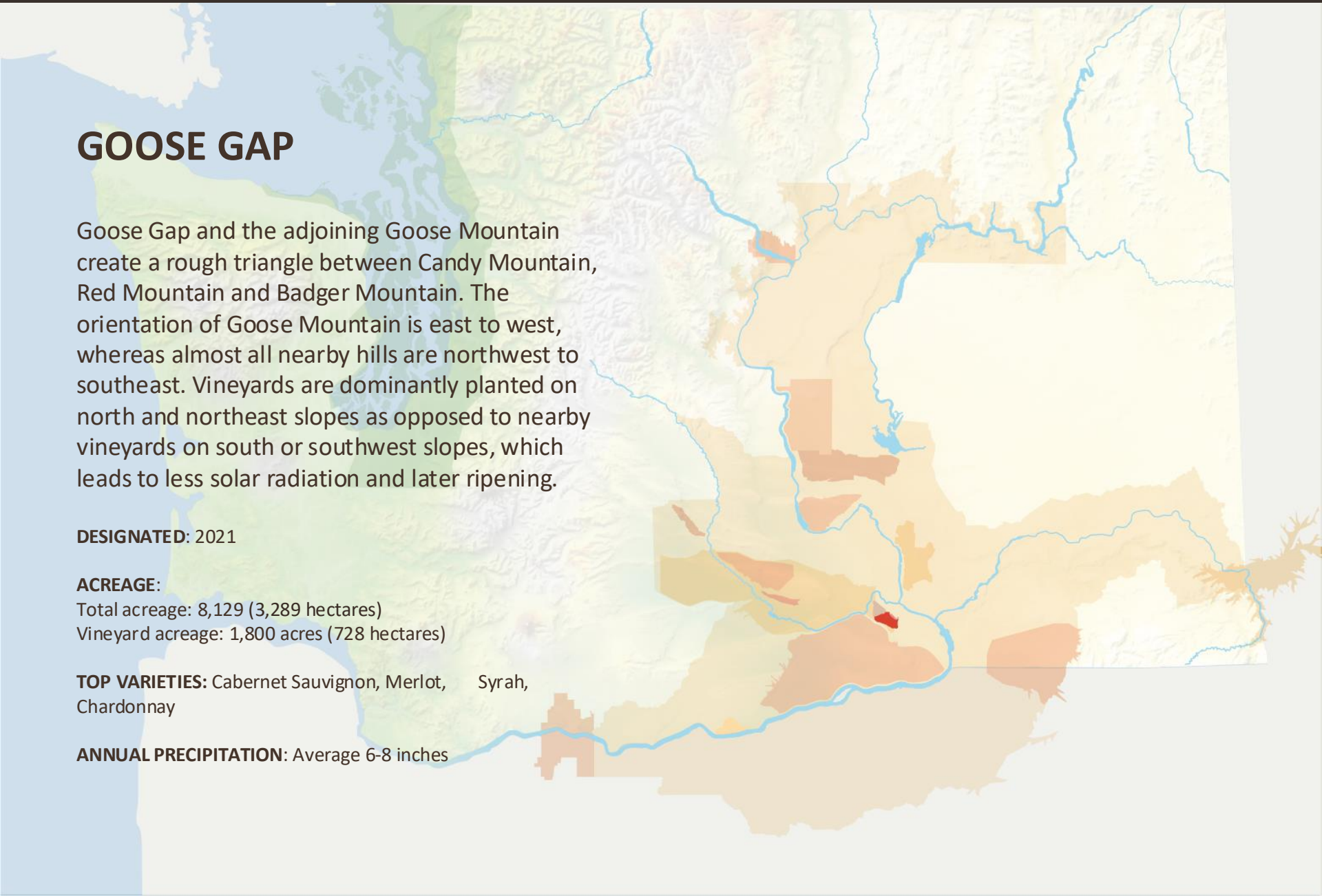
**ACREAGE:**

Total acreage: 8,129 (3,289 hectares)

Vineyard acreage: 1,800 acres (728 hectares)

**TOP VARIETIES:** Cabernet Sauvignon, Merlot, Syrah, Chardonnay

**ANNUAL PRECIPITATION:** Average 6-8 inches



Goose Gap



## ROCKY REACH

Located between Chelan and Wenatchee, Rocky Reach is unique from almost all other appellations in the Columbia Valley in that it has predominantly granitic bedrock, a feature it shares with only Lake Chelan. It is located at low elevations within the valley, making it considerably warmer with a longer growing season relative to the surrounding mountains and plateaus.

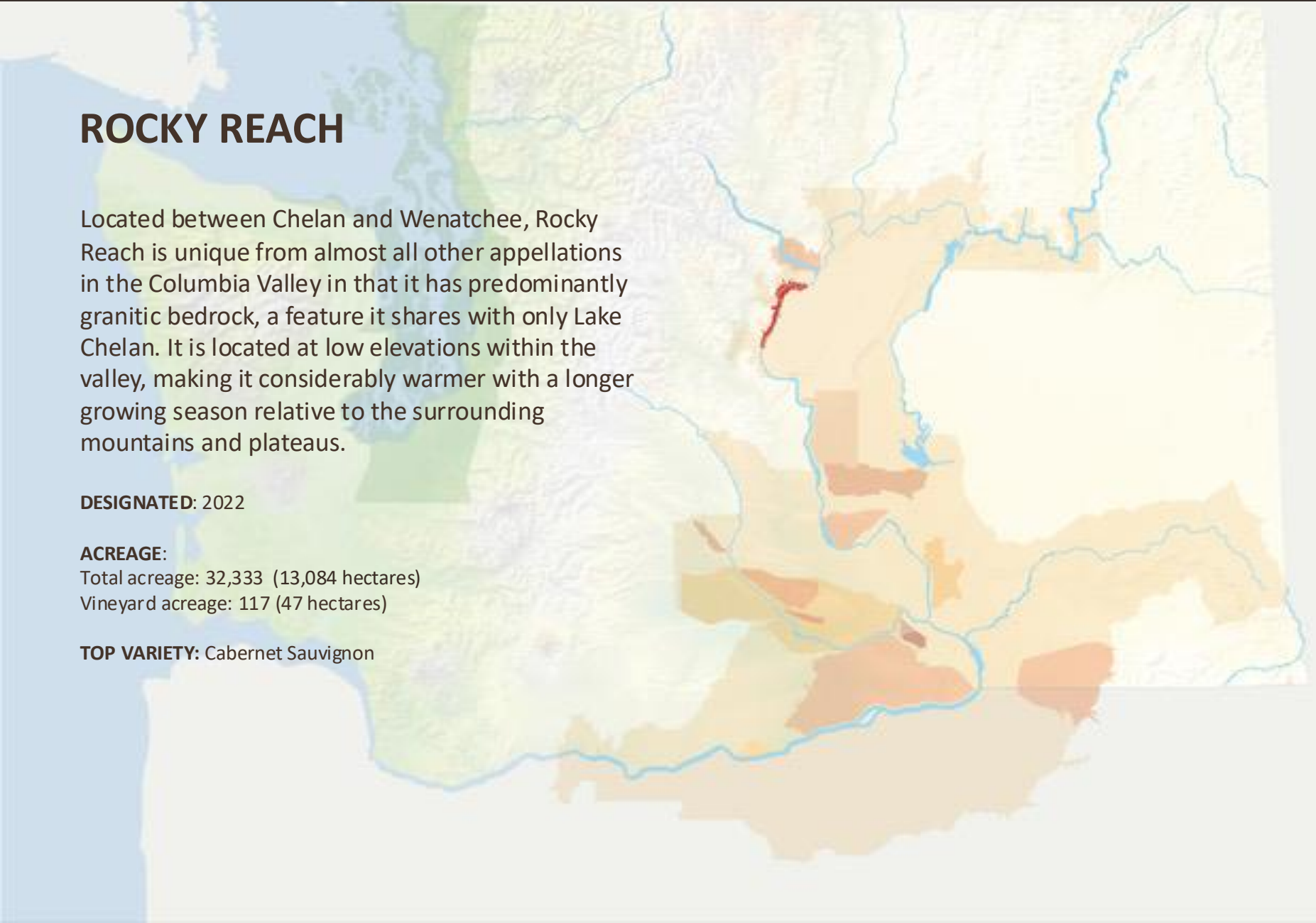
**DESIGNATED:** 2022

**ACREAGE:**

Total acreage: 32,333 (13,084 hectares)

Vineyard acreage: 117 (47 hectares)

**TOP VARIETY:** Cabernet Sauvignon



Rocky Reach



## BEVERLY, WASHINGTON

Located between the Royal Slope to the north and Wahluke Slope to the south, Beverly is defined by heat, wind, and well-drained soils. The appellation is one of the warmest in the state and receives a mere five inches of precipitation annually. Both average wind and daily maximum speeds are significantly higher compared to nearby Royal Slope, which keeps canopy and berry size small and contributes to thicker skins.

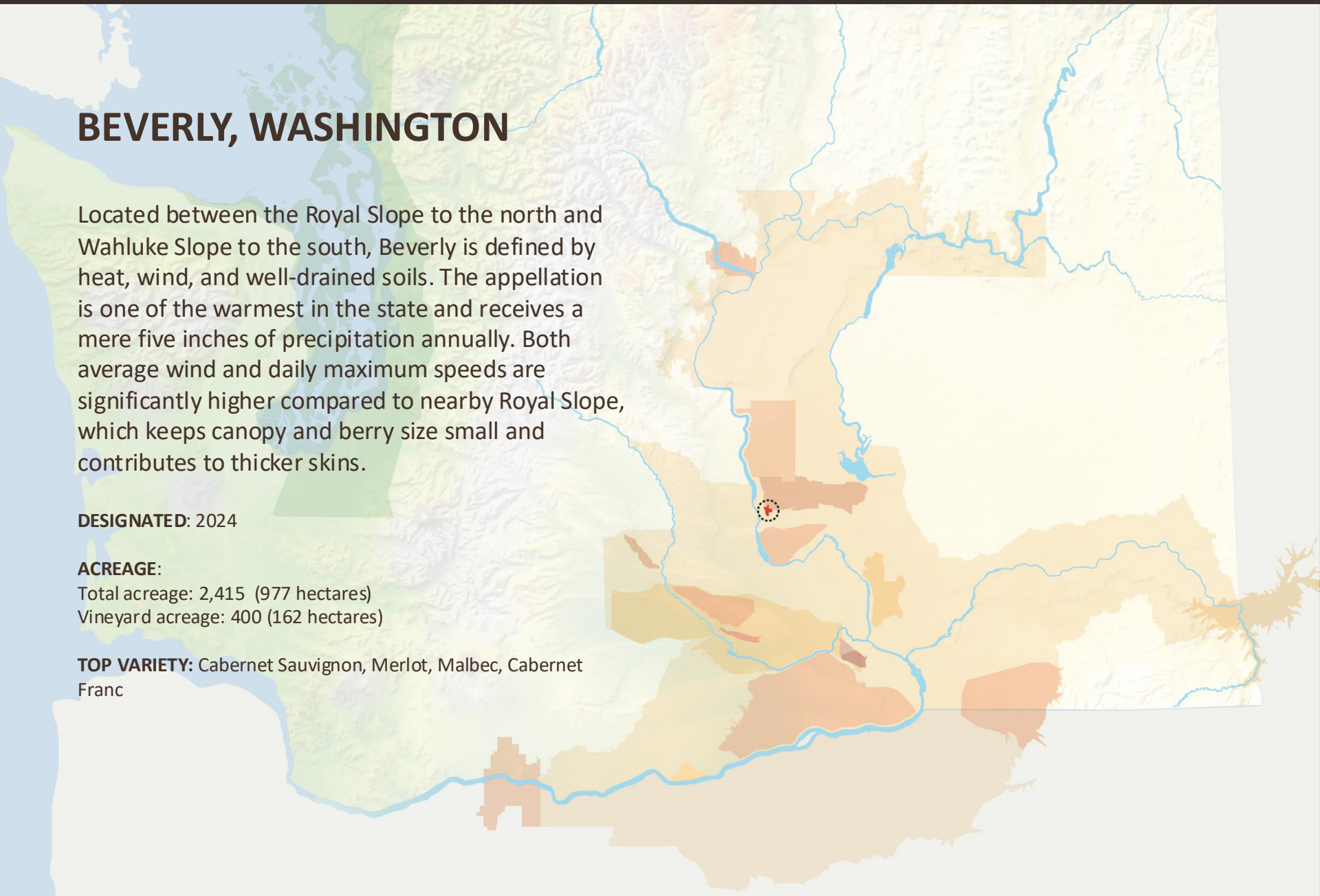
**DESIGNATED:** 2024

**ACREAGE:**

Total acreage: 2,415 (977 hectares)

Vineyard acreage: 400 (162 hectares)

**TOP VARIETY:** Cabernet Sauvignon, Merlot, Malbec, Cabernet Franc



Beverly, Washington



## SUMMARY

- 21 AVAs
- 56,000+ acres of wine grapes
- Top varieties: Cabernet Sauvignon, Chardonnay, Merlot, Riesling, Syrah

The background of the image is a solid red color with a white topographic map pattern. The pattern consists of numerous concentric, wavy lines that represent contour lines on a map, creating a sense of depth and texture. The lines are more densely packed in some areas and more spread out in others, suggesting varying elevations or depths.

CLIMATE



## **WASHINGTON WAS DESTINED TO BE WORLD-CLASS WINE COUNTRY**

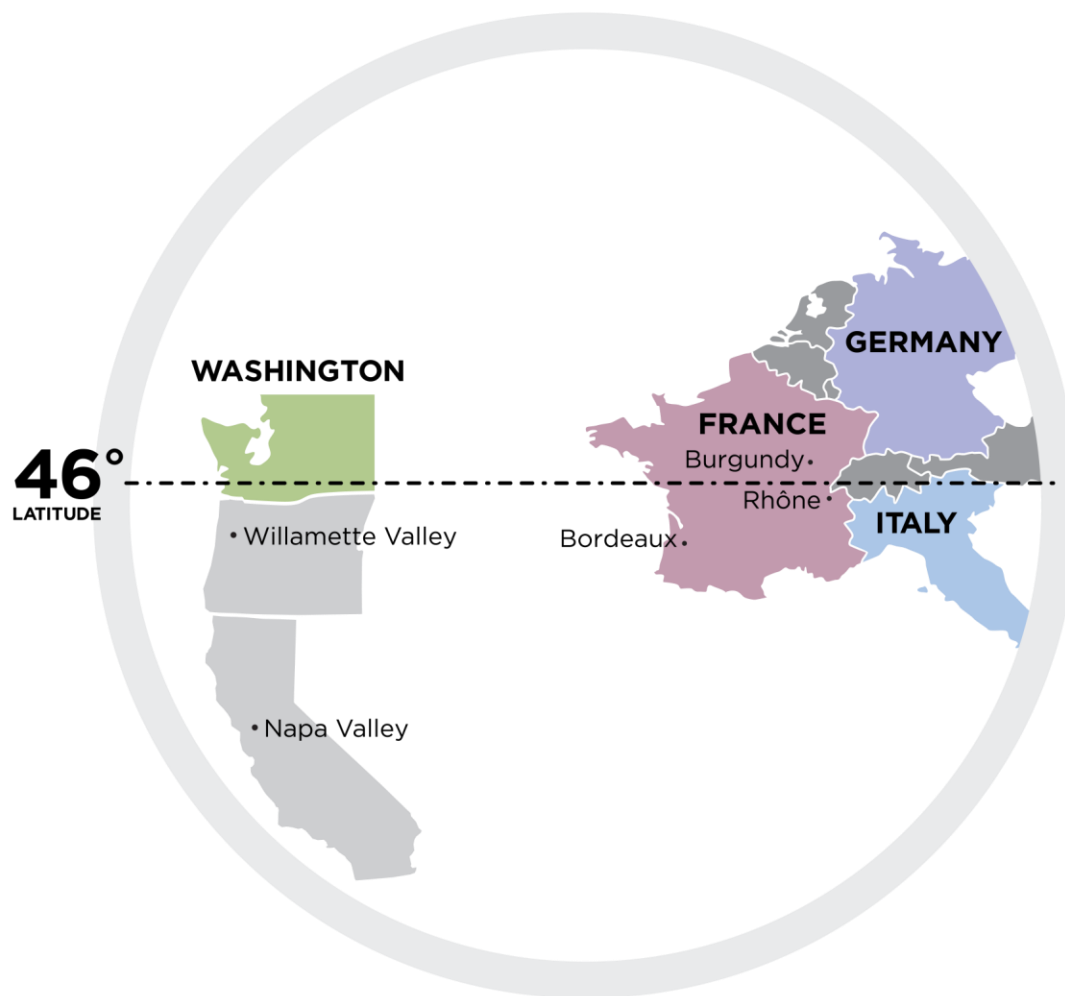
Washington's northern basis offers up a growing season that sees up to 17 hours of sunlight a day. Couple that with cool nights that help maintain the natural acidity of the grapes and you've got a grape growing haven.

## PERFECT CLIMATE FOR GROWING WINE GRAPES

Washington state shares the same latitude as other famous wine regions in Europe— 46° North.

### What's so special about the 46° parallel?

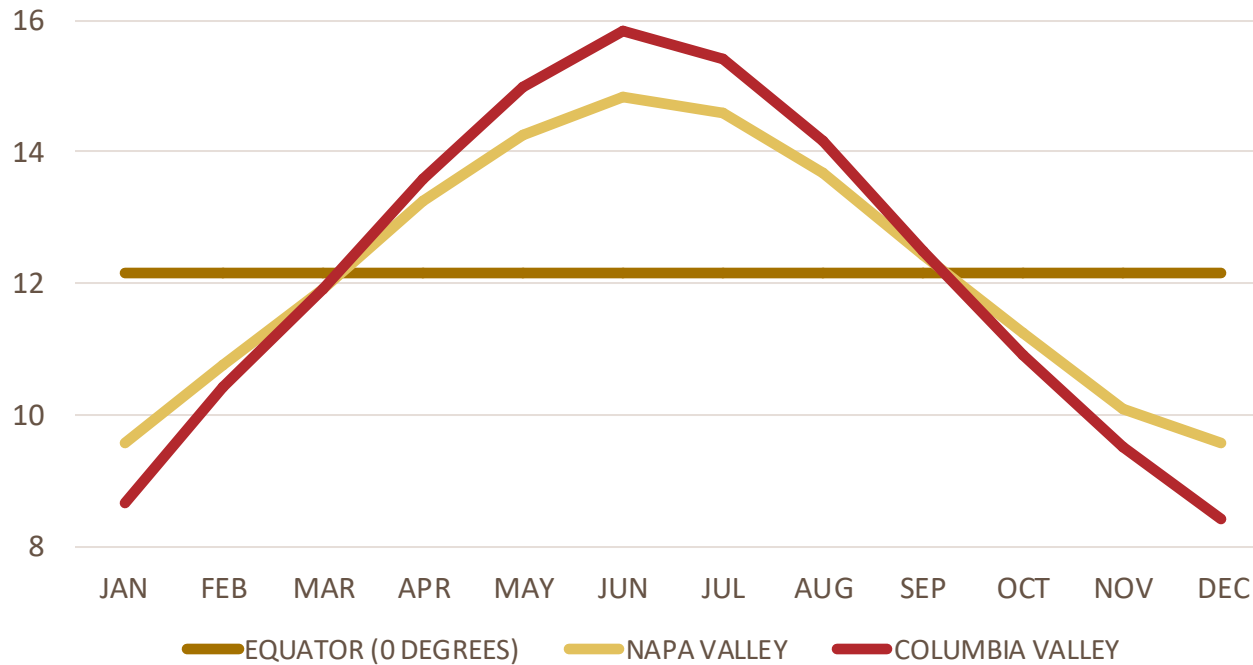
The 46° parallel is the sweet spot for growing grapes—at that angle to the sun our region receives the most amount of sunlight during the growing season.



## PEAK GROWING PERIOD

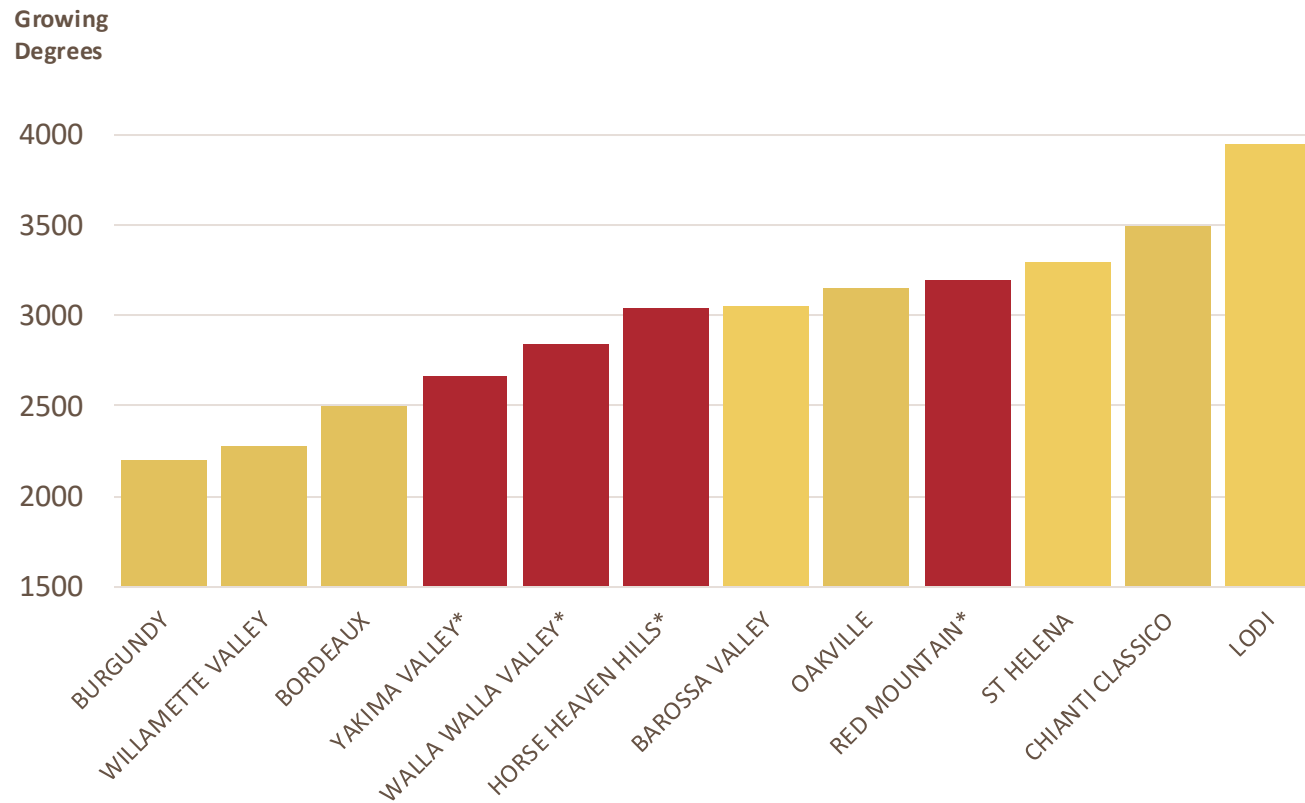
Nearly 55 additional hours of daylight compared to Napa Valley\*

Daylight  
Hours



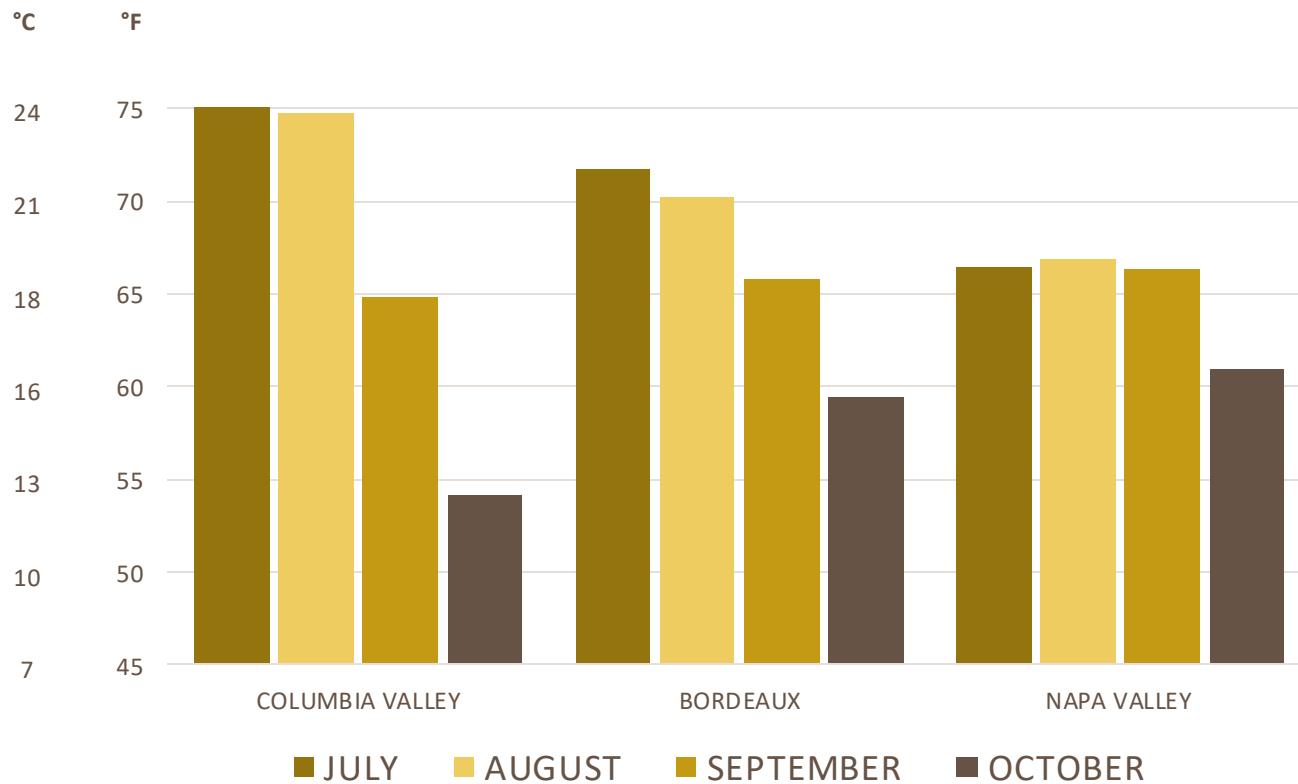
\* Difference in daylight March 19<sup>th</sup> – June 21<sup>st</sup>

## AVERAGE GROWING DEGREE DAYS



\* 26-Year Average

## MEAN TEMPERATURE BY REGION (2013-2017)



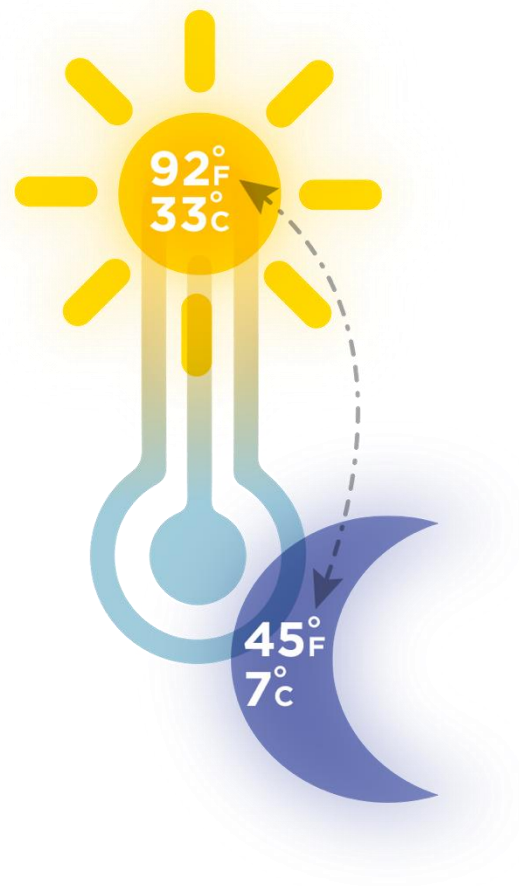
## DIURNAL RANGE

**Diurnal range** is the difference between day and night temperatures in the vineyard; the gap between the hottest temperature and the coolest.

Warm days and cool nights help maintain the natural acidity of the grapes.

A large diurnal range can help grapes to ripen in a more balanced way. Warmer daytime temperatures help to foster sugar development, but cool nights can help to preserve aromas, freshness and acidity.

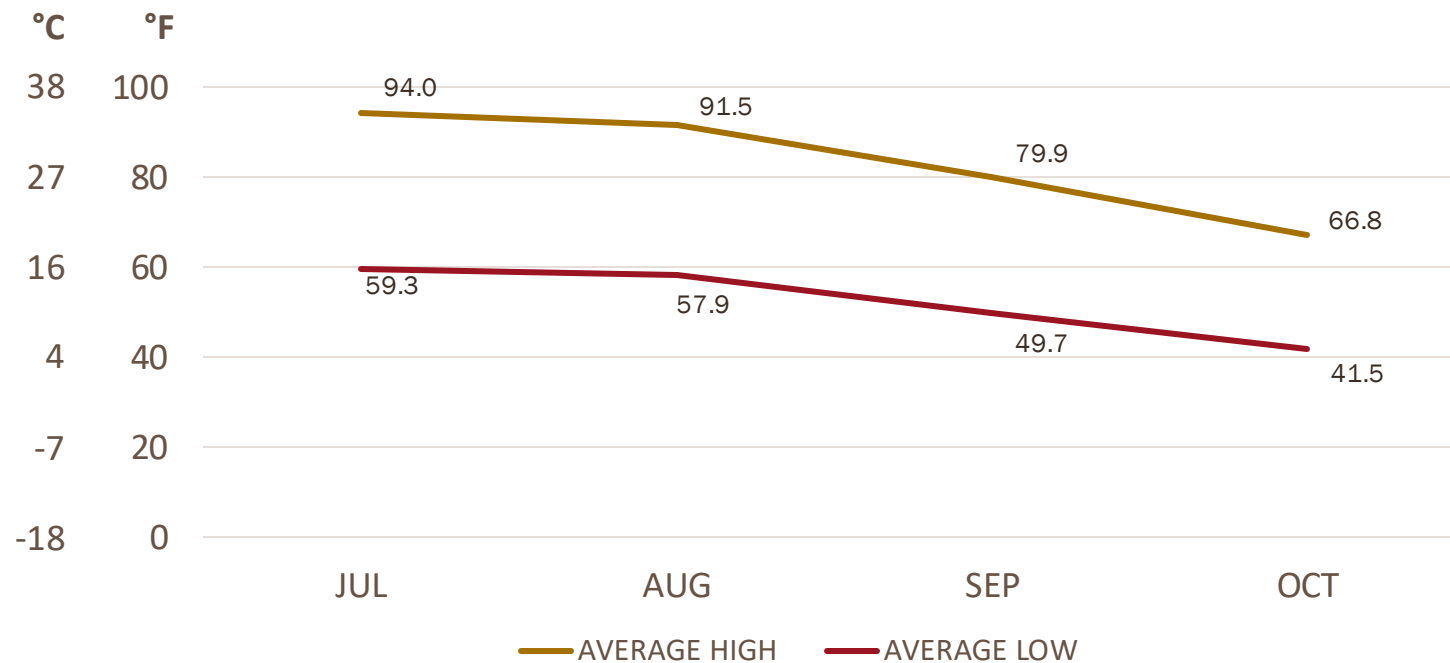
**Washington State** has some of the most dramatic daily temperature fluctuations of any wine region, ranging from 35°F to as much as 47°F\* between day and night temperatures.

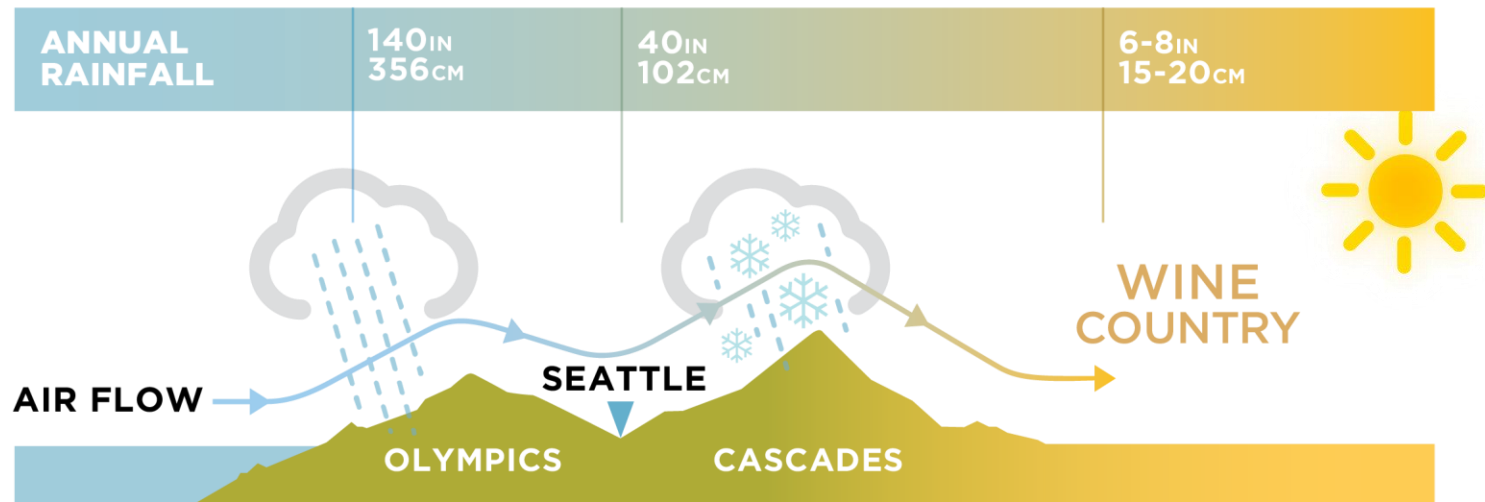


\*5-Year average Mean & average Max Diurnal shift, July

## SIGNIFICANT & BENEFICIAL TEMPERATURE CHANGES

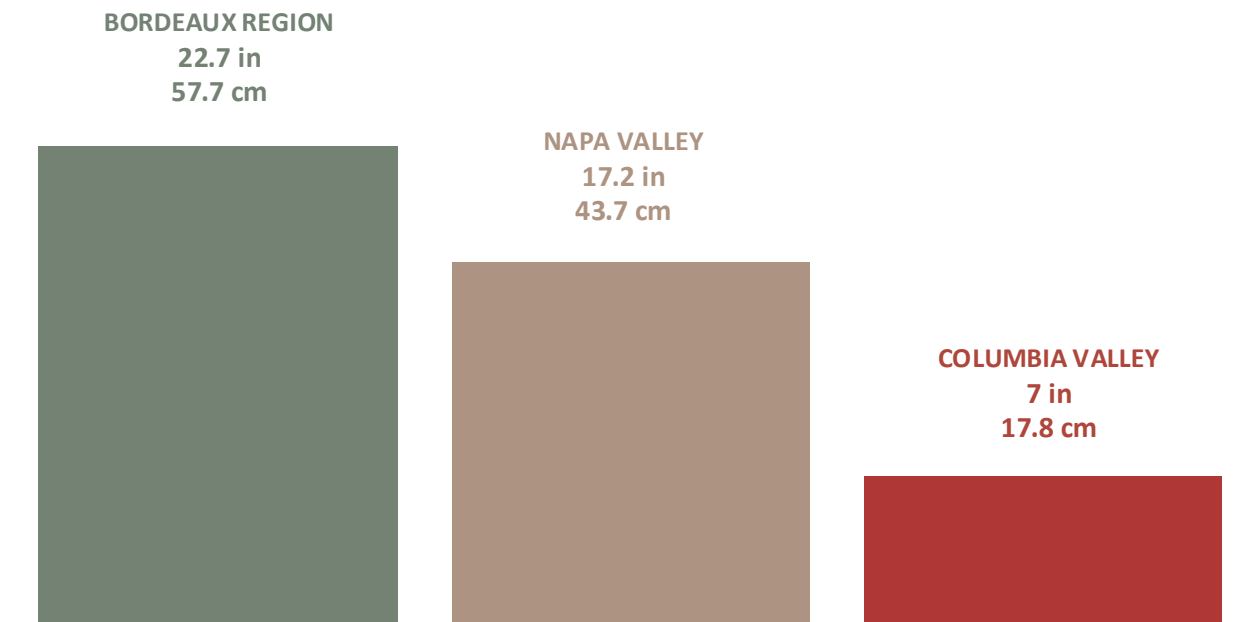
Warm Daytime Temps + Chilly Nighttime Temps = Ripeness of phenolics & acidity

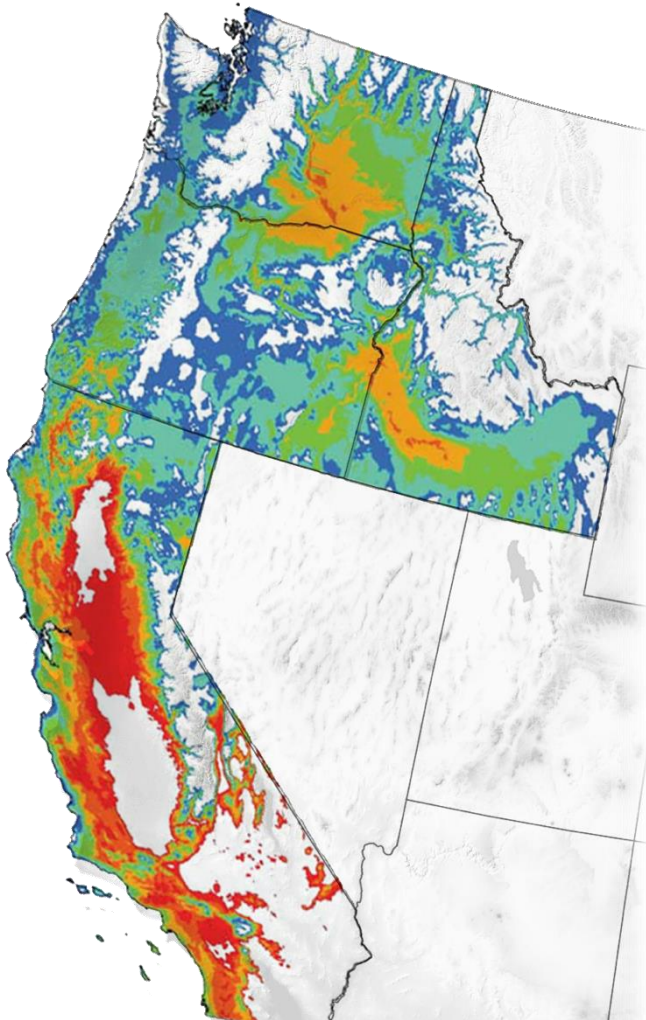




The Columbia Valley is protected from wet weather systems by two major mountain ranges, the Olympics and the Cascades, creating the perfect climate for wine in the warm and dry eastern part of the state.

## AVERAGE ANNUAL RAINFALL



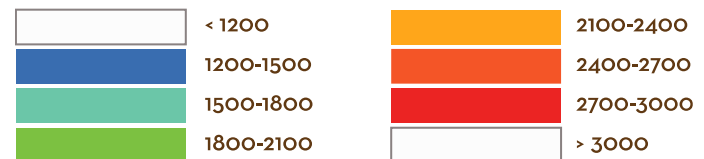


## HEAT MAP

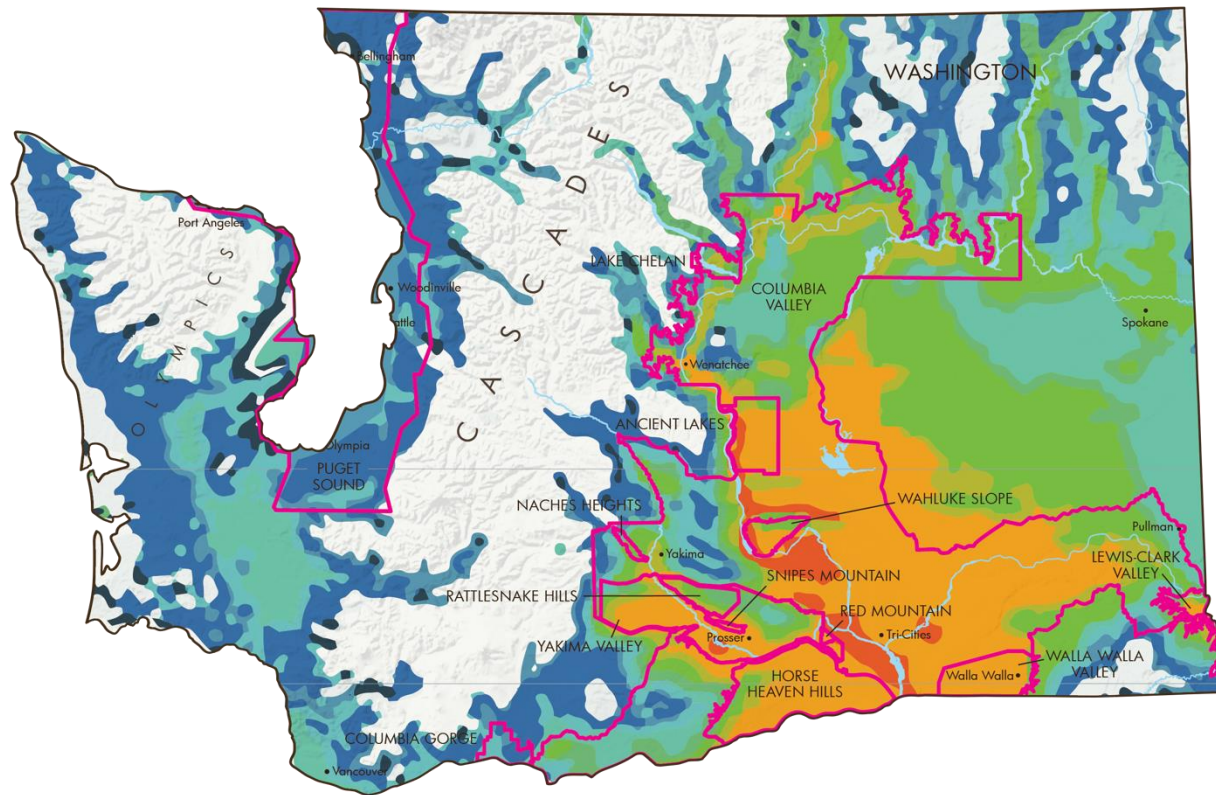
3 climatic indicators to give a macro view of viticulture regions:

- Dryness Index
- Thermal Index
- Cool Night Index

### Huglin Index (Base 10°C, Apr-Sep)

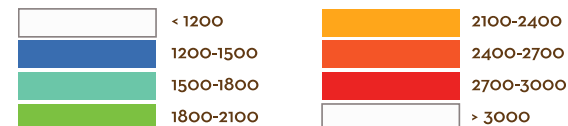


Source: Huglin Index



Huglin Index (Base 10°C, Apr-Sep)

Washington AVAs



Source: Huglin Index

## SUMMARY

- 46° parallel
- Rain shadow effect & 17 hours of sunlight
- Large diurnal shift = more balanced grapes

The background of the image is a solid red color with a pattern of thin, white, irregular lines that resemble topographic contour lines. These lines are more densely packed in some areas, creating a sense of depth and texture, while more sparse in others.

**G E O L O G Y**

# GEOLOGY

What makes the Pacific Northwest landscape unique?

## LAVA FLOWS

Basalt foundation

## FLOODS

Glacial Slackwater Deposits

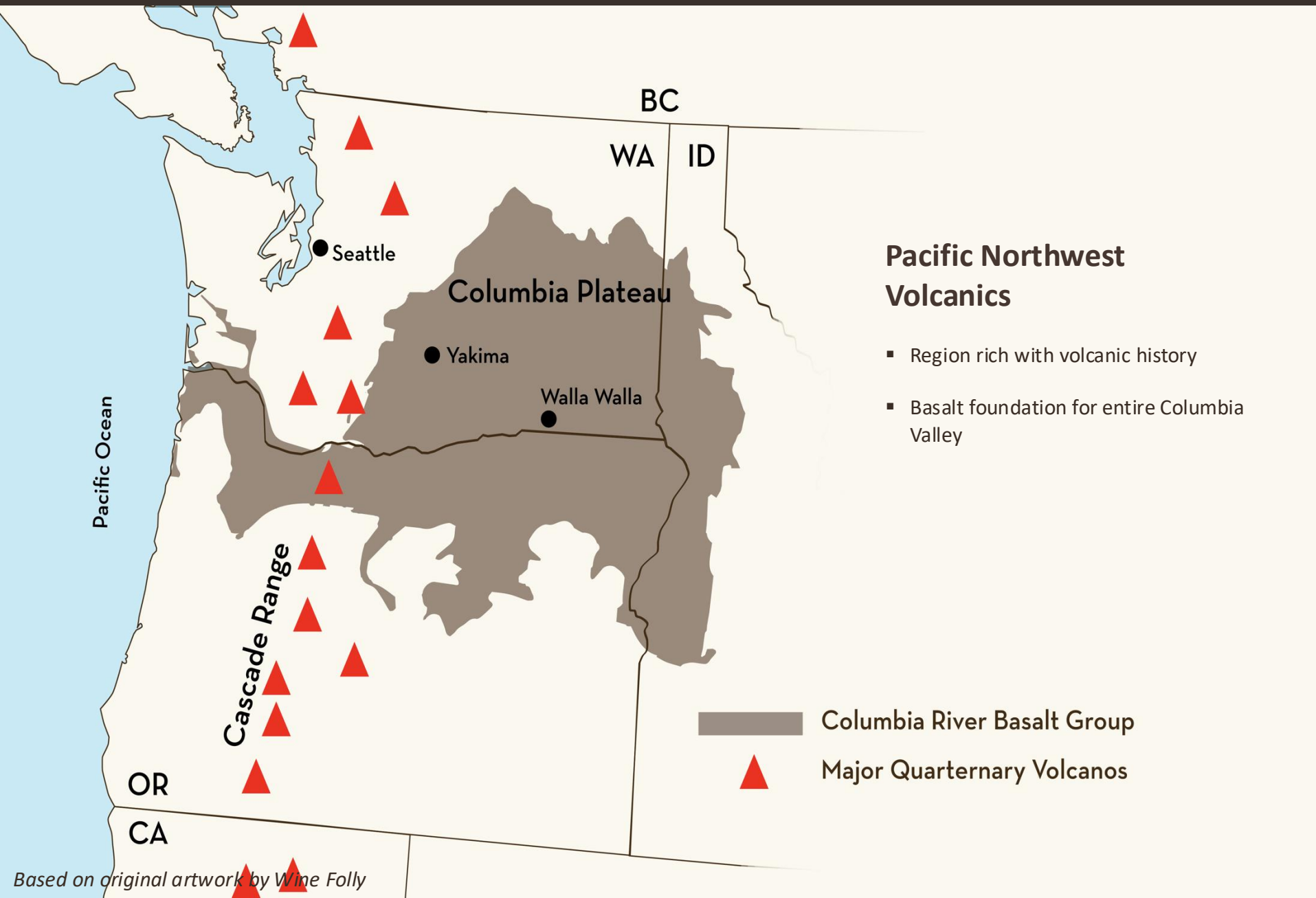
## WINDS

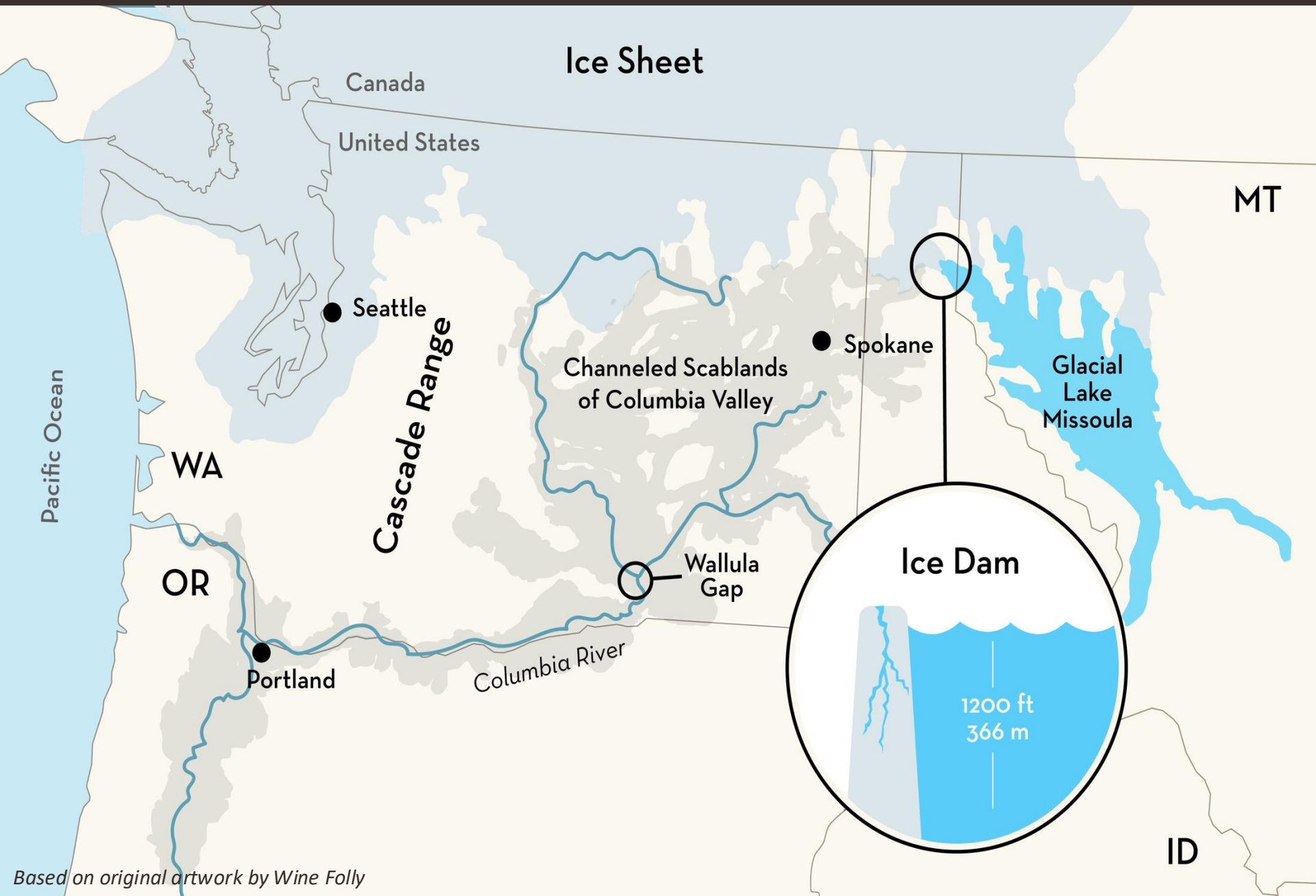
Loess

## SOILS

Free draining, Nutrient Poor







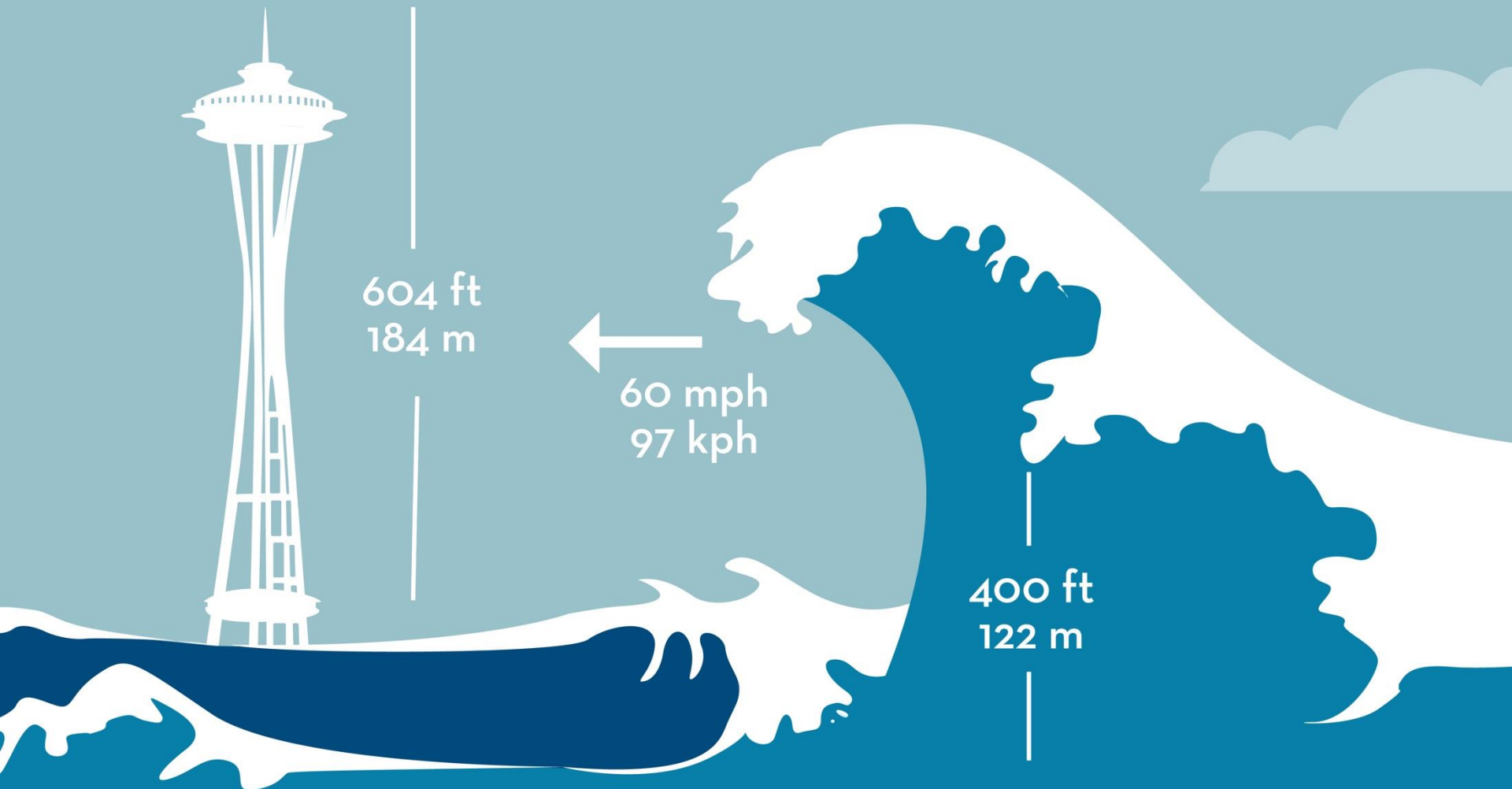
# MISSOULA FLOODS

WA WINE



Based on original artwork by Wine Folly

When the ice shelf broke, it caused massive flooding.

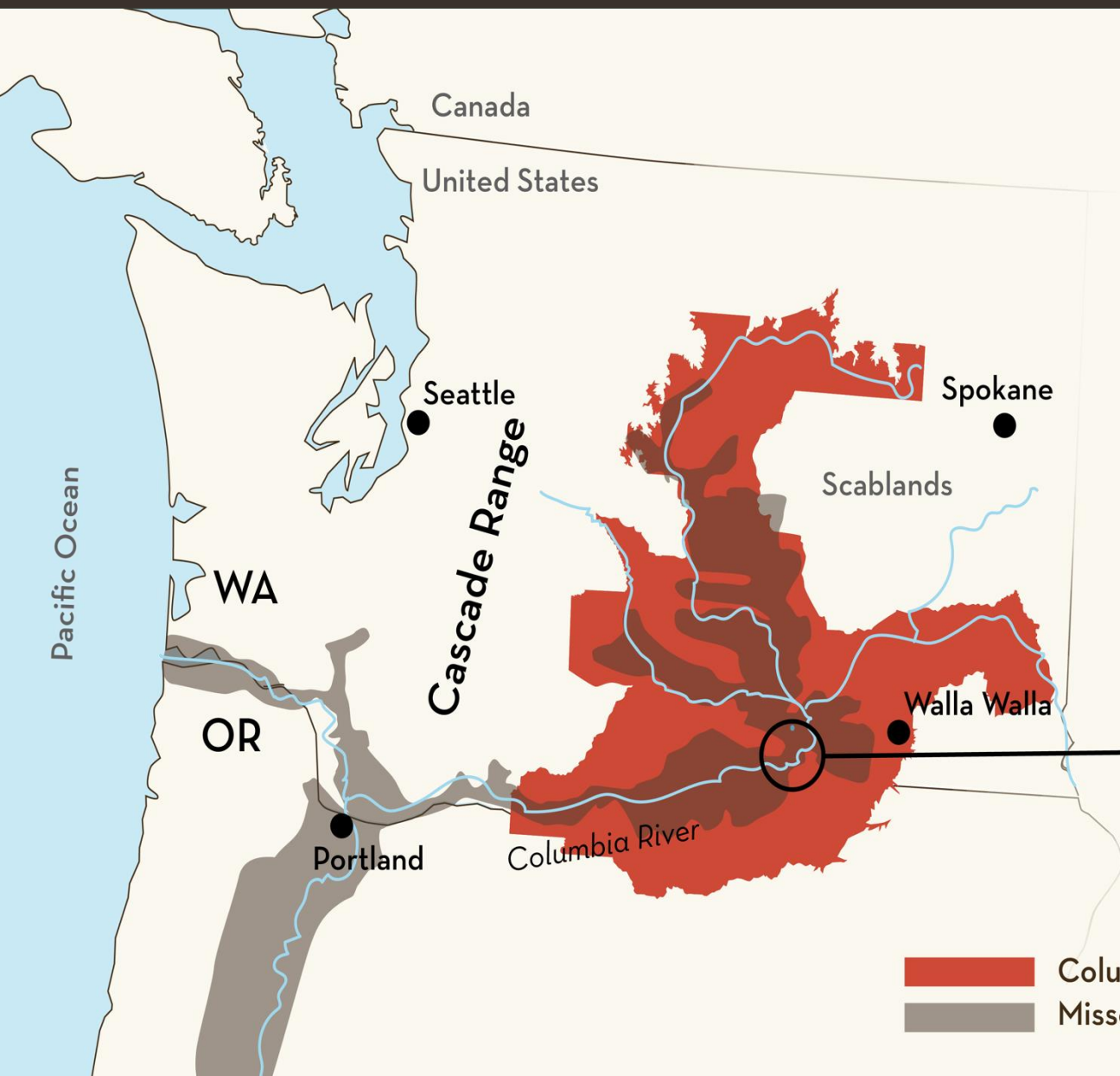


## ANCIENT FLOODS

The Missoula Floods transformed the Pacific Northwest landscape.

Geologists estimate that the cycle of flooding and reformation of the Missoula Lake lasted an average of 55 years and that the floods occurred several times over the 2,000-year period between 15,000 and 13,000 years ago.





## SOIL DEPOSITS

The floods deposited nutrients all over eastern Washington up to 1,200 feet (366 meters) above sea level

## WALLULA GAP

Bottleneck that backed up floodwaters



- Columbia Valley AVA
- Missoula Flood Deposits

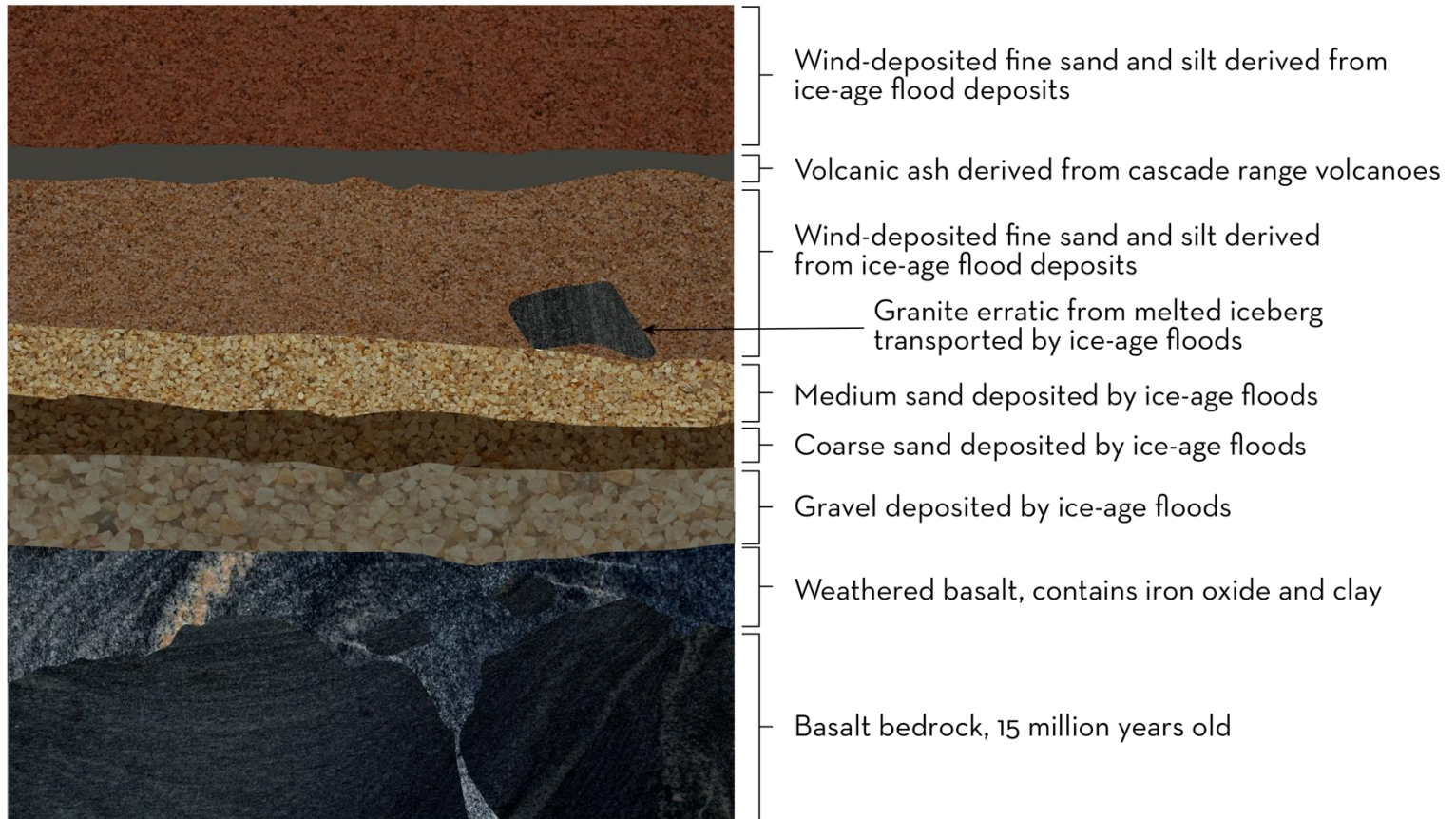
## SOIL

### Loess soil

Loess is a soil type ideal for growing wine grapes, as it is porous and well-draining. The composition of the soil is also a good source of minerals that grape vines need to thrive.

- Wind-deposited fine sand and silt derived from ice-age flood deposits
- Consistency of powdered sugar
- Very low water-holding potential

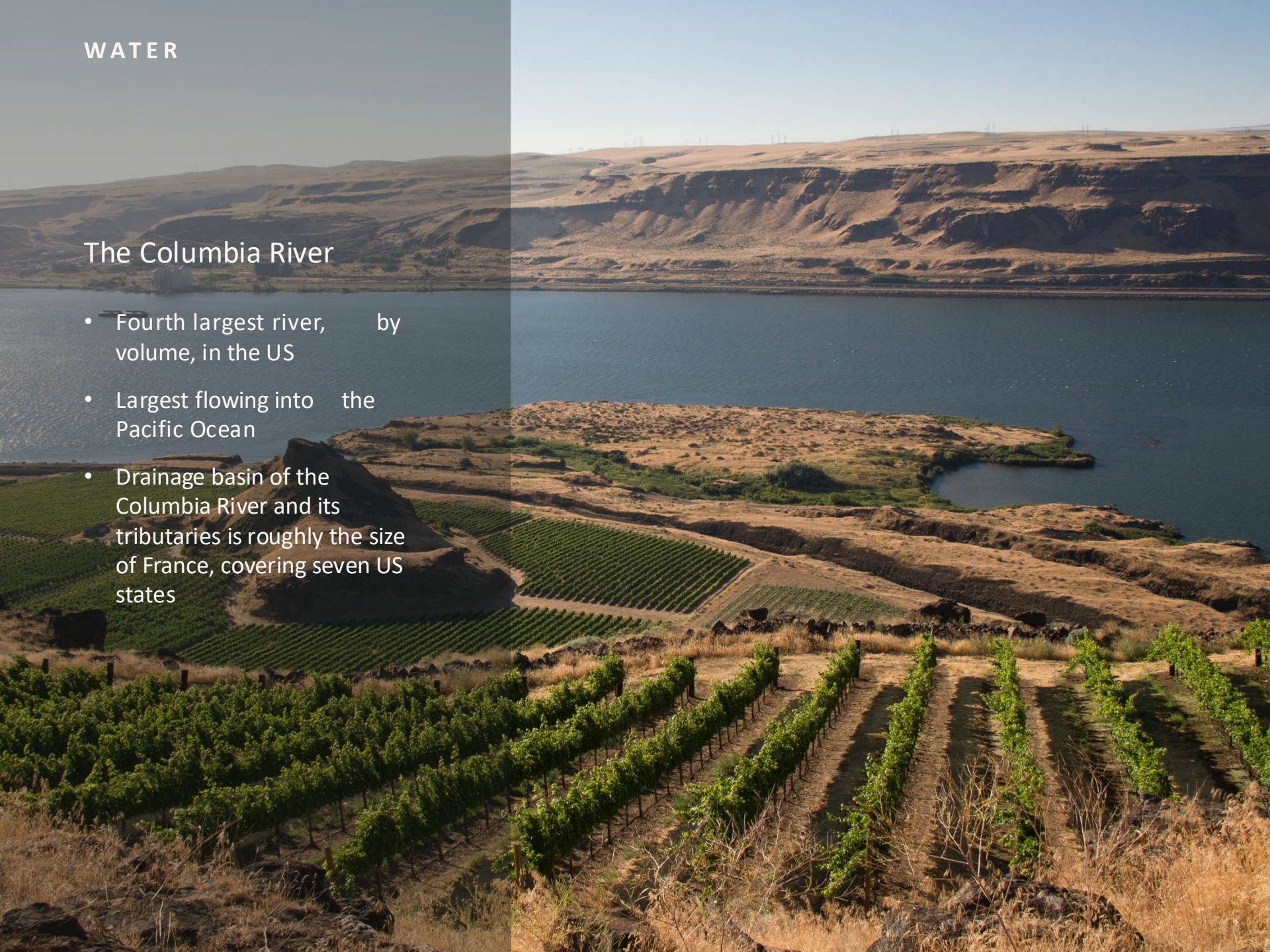




# WATER

## The Columbia River

- Fourth largest river, by volume, in the US
- Largest flowing into the Pacific Ocean
- Drainage basin of the Columbia River and its tributaries is roughly the size of France, covering seven US states



## LOW PEST

Washington vineyards are sustainable by nature.

- Winter freeze kills many pests
- Arid temps, low humidity and wind help control development of fungal diseases (less need for spray)
- Fewer pests allows for planting on natural rootstock
- Less need for spraying and pesticides



## RECIPE FOR SUCCESS

Our terroir and quality of fruit makes for superior wine.

- DRY CLIMATE
- ABUNDANT SUNLIGHT
- DIURNAL SHIFT
- LEAN SOILS
- AVAILABILITY OF WATER
- LOW DISEASE AND PEST PRESSURE
- PERSISTENT WIND
- COLD WINTERS





**NEW WORLD FRUIT WITH OLD WORLD  
STRUCTURE AND ACIDITY.**

Washington's wines exhibit that spirit of integration,  
combining the vibrant fruit character expected of American  
wine with the defined structure typical of the Old World.



## SUMMARY

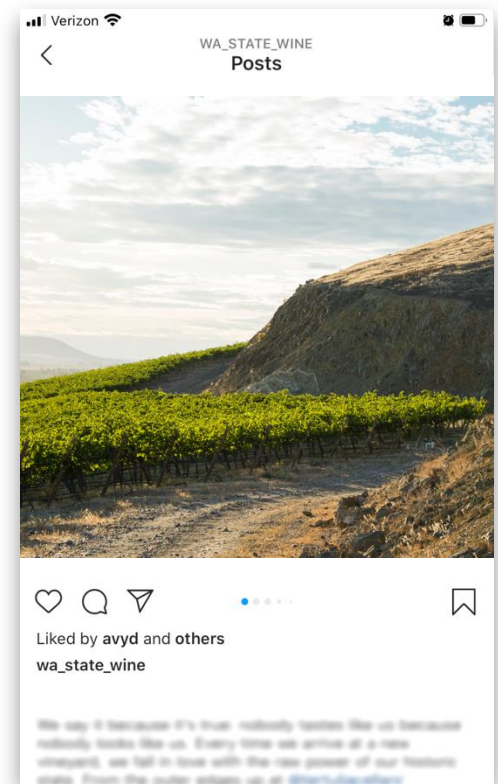
- Volcanoes & lava flows created a basalt foundation
- The Missoula Floods transformed our landscape & deposited rich soils
- Columbia River = tremendous water source
- Washington vineyards are sustainable by nature

The background of the image is a solid red color with a white topographic map pattern overlaid. The pattern consists of numerous thin, white, irregular lines that form a complex, wavy, and interconnected network, resembling contour lines on a map. These lines vary in density and thickness, creating a sense of depth and texture. The overall effect is a minimalist yet detailed representation of a landscape's topography.

# WA WINE STORIES

#WAwine

# History made us, and now, we're making history.



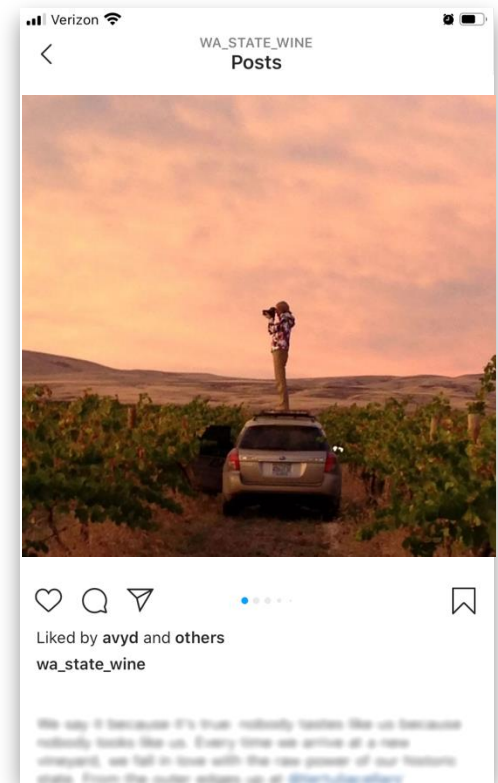
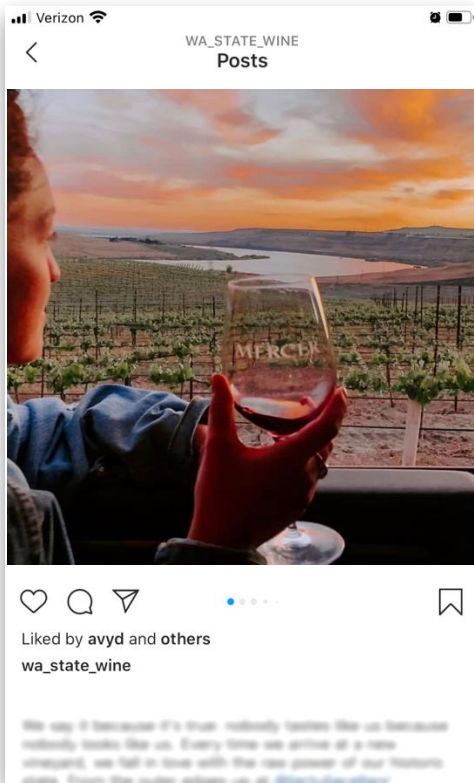
#WAwine

If there's one thing we've got, it's  
character.



#WAwine

# Nobody tastes like us because nobody looks like us.



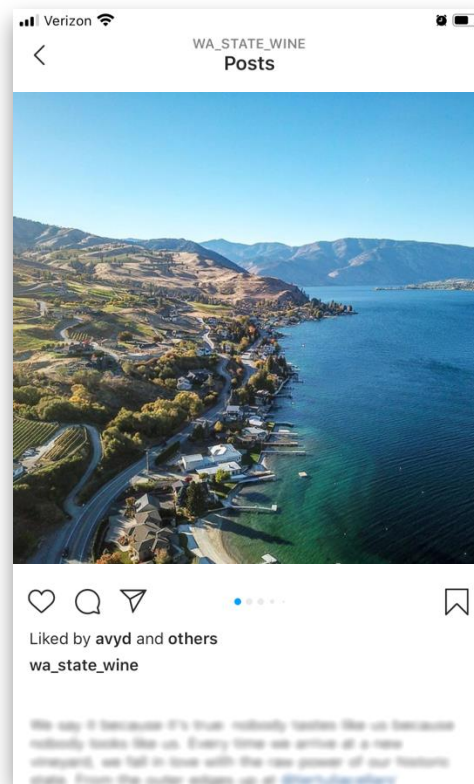
#WAwine

# Washington wine is sustainable by nature.



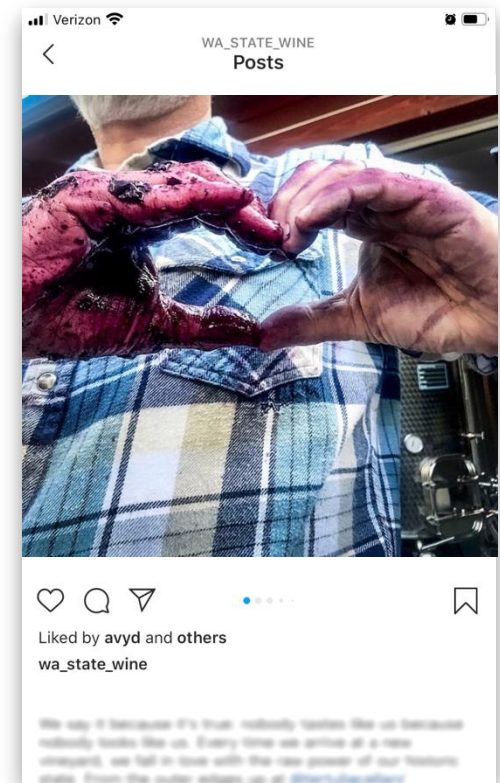
#WAwine

# We're the best of both worlds.



#WAwine

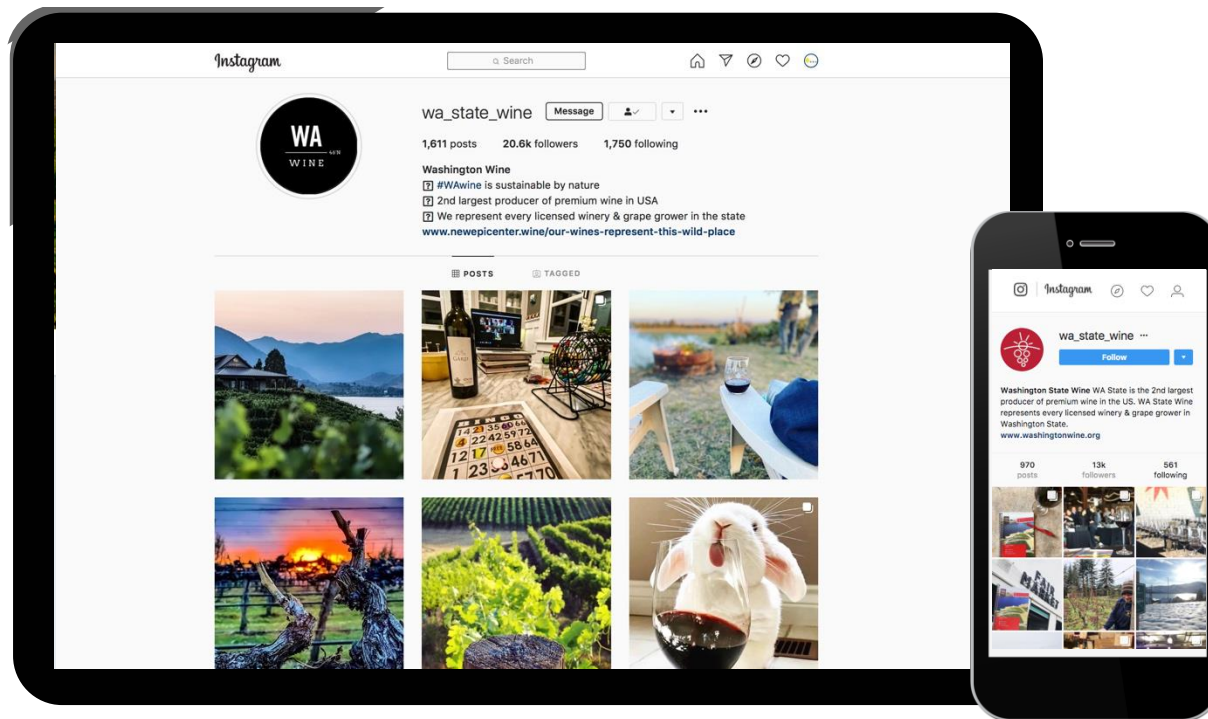
# The Washington wine way? Rising tide floats all boats.



## Connect with WA Wine.

Website: [washingtonwine.org](http://washingtonwine.org)

Contact: [info@washingtonwine.org](mailto:info@washingtonwine.org)





WA  
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WINE

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