

# MOUNTAIN AVAS



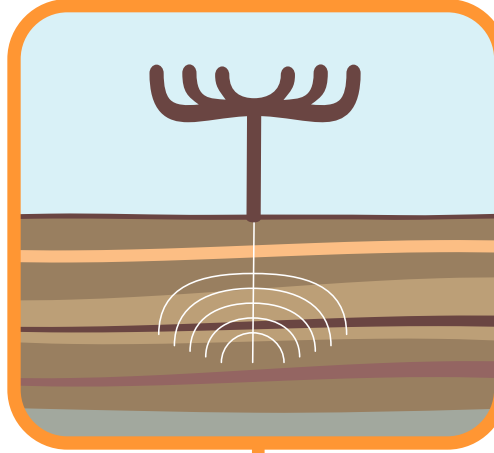
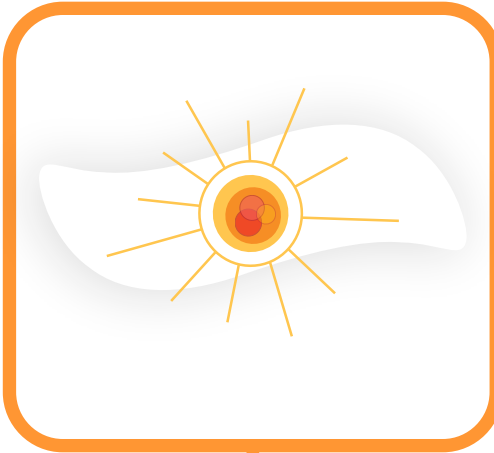
## CLIMATE

## SOIL COMPOSITION

## ELEVATION

## RAINFALL ANNUALLY

## VARIETALS 5% OR MORE




**HOWELL MOUNTAIN**

GENERALLY ABOVE MARINE LAYER SLIGHTLY WARMER AND DRIER THAN ACROSS THE VALLEY STRONG AFTERNOON SUN SUMMER TEMP. 55°F TO HIGH 90°F (13° TO 37°C) COOL NIGHTS (HELP MAINTAIN GOOD ACIDITY)

PREDOMINANTLY VOLCANIC, SHALLOW AND INFERTILE; DRAINAGE IS HIGH, FERTILITY LOW

600 TO 2200 FT (183 TO 671 M)

42 INCHES (107 CM)

- CAB SAUVIGNON
- MERLOT
- ZINFANDEL



**SPRING MOUNTAIN**

NOTED FOR STEEP, HILLSIDE VINEYARDS SURROUNDED BY THICK FOREST. COOLER WEATHER PREVAILS WITH LOWER DAY TO NIGHT DIURNAL TEMP. SWING. TEMPS GENERALLY DO NOT EXCEED 85°F (29.4°C)

PRIMARILY SEDIMENTARY: WEATHERED SANDSTONE AND SHALE, LOAMY AND FRIABLE IN TEXTURE DRAINAGE IS HIGH, FERTILITY LOW

600 TO 2600 FT (186 TO 806 M)  
VINEYARDS GENERALLY TOPPING OUT AT 2200FT

50 INCHES (127 CM)

- CAB SAUVIGNON
- MERLOT
- CHARDONNAY
- CAB FRANC



**DIAMOND MOUNTAIN**


MODERATELY WARM TEMPS. WITH MARITIME FOG GENERALLY FALLING SHORT OF THIS SUB-REGION SUMMER TEMPS RANGE FROM 90°F DAY TO 50°F AT NIGHT

RESIDUAL UPLIFTED SOILS OF VOLCANIC ORIGIN, OFTEN REDDISH AND VERY FINE-GRAINED, EVEN GRITTY IN TEXTURE

400 TO 2200 FT (122 TO 670 M)

50 -55 INCHES (127 -140 CM)

- CAB SAUVIGNON
- CAB FRANC
- MERLOT



**ATLAS PEAK**


COOL, MOUNTAIN-INFLUENCED, WITH TEMPS ABOUT 10° - 15° COOLER THAN THE VALLEY FLOOR IN SUMMER. ABOVE THE FOG LINE, THERE IS A LOW DIURNAL TEMP CHANGE, WITH SUMMER TEMP RARELY ABOVE 90°F (32.2C)

VOLCANIC IN ORIGIN, WITH BASALTIC RED COLOR, SHALLOW WITH LIMITED WATER RETENTION; IRRIGATION IS OFTEN ESSENTIAL

760 TO 2600 FT (232 TO 806 M)

38 INCHES (96 CM)

- CAB SAUVIGNON
- CHARDONNAY
- MERLOT



**MOUNT VEEDER**

COOL TO MODERATE, WITH MOST VINEYARDS ABOVE THE FOG LINE SO THE NIGHTS ARE WARMER AND DAYS ARE COOLER THAN ON THE VALLEY FLOOR. TYPICAL MID-SUMMER HIGH TEMPS ARE 85°F (30°C)

SEDIMENTARY BASED, SHALLOW AND GENERALLY WELL-DRAINED, AS WELL AS MORE ACIDIC, WITH LOW FERTILITY; MOST HAVE A SANDY LOAM TEXTURE

500 TO 2600 FT (155 TO 806 M)

49 INCHES (124 CM)

- CAB SAUVIGNON
- MERLOT
- ZINFANDEL
- CHARDONNAY
- CAB FRANC



# VALLEY AVAS



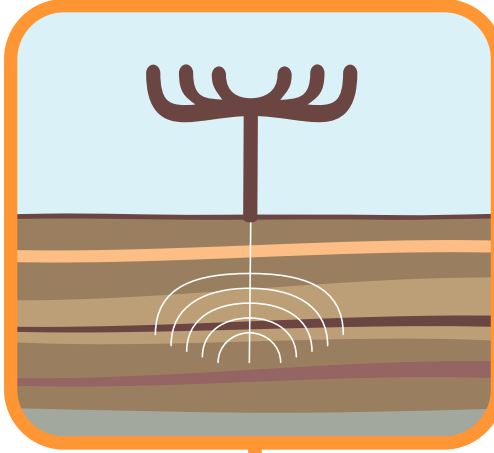
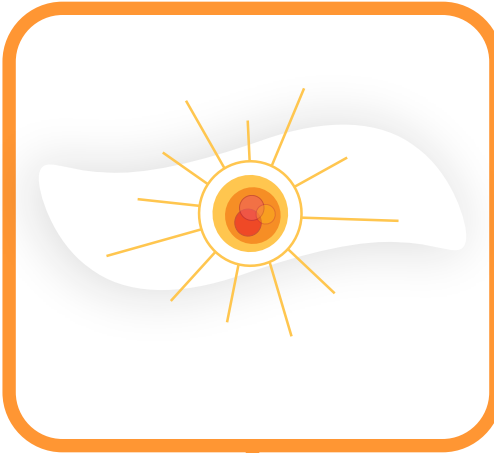
## CLIMATE

## SOIL COMPOSITION

## ELEVATION

## RAINFALL ANNUALLY

## VARIETALS 5% OR MORE



### CARNEROS

COOL; MARINE WINDS FROM SAN PABLO BAY AND PETALUMA GAP TO THE WEST; HIGH TEMPS RARELY REACH 90°F (32.2 C) TEMPS DROP TO AROUND 50°F (10°C) AT NIGHT

MOSTLY CLAY, SHALLOW WITH MORE LOAM AND ALLUVIALS IN THE NORTH. HARD CLAYPAN SUBSOIL PREVENTS DEEP ROOTING

SEA LEVEL TO 800 FT (244 M)

18 - 24 INCHES (45.7 - 61 CM)

- PINOT NOIR
- CHARDONNAY
- MERLOT

### COOMBSVILLE

TEMPERATE CLIMATE MODERATED BY NEAR-PROXIMITY TO THE SAN FRANCISCO BAY AND INFLUENCES OF MARINE AIR DAYTIME HIGHS PEAK AT MID TO HIGH 80S°F (30-32°C) AND DROP TO AROUND 50°F (10°C) AT NIGHT

PRIMARILY WEATHERED VOLCANIC ROCK AND ALLUVIAL DEPOSITS FROM THE VACA RANGE THAT SURROUNDS THE REGION

MOST VINEYARDS AT 100-500 FT (30-150 M)  
SMALL PORTION TOPS OUT AT 1000 FT (300M)

24.6 INCHES (62 CM)

- CAB SAUVIGNON
- MERLOT
- CHARDONNAY

### WILD HORSE VALLEY

A WARM AREA, IN GENERAL, MADE VERY COOL BY ALTITUDE AND CONSTANT PREVAILING WINDS FROM THE SUISUN BAY TO THE SOUTHEAST. CONSIDERED COOLER THAN CARNEROS DUE TO WINDS.

LOAM AND VOLCANIC IN ORIGIN, WITH BALSALTIC RED COLOR, SHALLOW WITH LIMITED WATER RETENTION SO IRRIGATION IS OFTEN ESSENTIAL.

600 TO 1900 FT (186 TO 589 M)

35 INCHES (94 CM)

- PINOT NOIR
- CHARDONNAY
- SAUVIGNON BLANC

### OAK KNOLL

MODERATE TO COOL WITH FOG LINGERING INTO LATE MORNING, ALSO GETS AFTERNOON BREEZE CREATING A SLIGHTLY COOLER CLIMATE THAN UP VALLEY. TEMPS CAN REACH 90°F (32.2C) AND DROP TO 50°F (10°C) AT NIGHT

CONTAINS THE LARGEST ALLUVIAL FAN FORMED BY DRY CREEK; NORTHWEST AREA IS STONY, GRAVELY, VOLCANIC SOIL. SOUTH AND EAST TRANSITION TO SILTY CLAY LOAM.

SEA LEVEL TO 800 FT (244M)

36 INCHES (91 CM)

- CAB SAUVIGNON
- MERLOT
- CHARDONNAY
- PINOT NOIR

### YOUNTVILLE

MODERATE, WITH FOG KEEPING THE MORNINGS COOL AND MARINE BREEZES KEEPING AFTERNOON COOLER THAN NORTH. PEAK TEMP. MAY REACH 90 F (32.2 C), WITH DIURNAL FLUCTUATION TO MID-50°F (13°C) RANGE AT NIGHT

PRINCIPALLY GRAVELLY SILT LOAMS, SEDIMENTARY IN ORIGIN, AND GRAVELLY ALLUVIAL SOILS WITH ROCK, MODERATELY FERTILE

20 TO 200 FT (6 TO 61 M)

32 INCHES (81 CM)

- CAB SAUVIGNON
- MERLOT
- CHARDONNAY
- SAUVIGNON BLANC



# VALLEY AVAS

## CLIMATE

## SOIL

## ELEVATION

## RAINFALL

## VARIETALS

### STAGS LEAP

MODERATELY WARM, AFTERNOON MARINE WINDS COOL THE WARM AIR RADIATING OFF BARE ROCKS AND NEIGHBORING HILLSIDES. OFTEN WARMER THAN NEIGHBORING YOUNTVILLE AVA WITH TEMPS REACHING TO MID-90°F (35°C) RANGE.

VOLCANIC GRAVEL-LOAMS ON THE FLOOR, WITH ROCKY HILLSIDES. LOW TO MODERATE FERTILITY DUE TO HARD CLAY BED-ROCK SUB-SOILS.

66 TO 400 FT  
(20 TO 122 M)

30 INCHES  
(76 CM)

- CAB SAUVIGNON
- MERLOT
- SAUVIGNON BLANC

### OAKVILLE

MODERATELY WARM WITH TEMPS. THAT CAN REACH MID-90°S F (35°C) BUT ALSO STRONGLY AFFECTED BY FOG WHICH HELPS ACIDITY LEVELS. EAST SIDE RECEIVES MORE OF THE WARM AFTERNOON SUN.

PRIMARILY SEDIMENTARY GRAVELLY ALLUVIAL LOAMS ON THE WEST, WITH MORE VOLCANIC BUT HEAVIER SOILS ON THE EAST; LOW TO MODERATE FERTILITY AND FAIRLY DEEP

75 TO 1000 FT  
(23 TO 305 M)

35 INCHES  
(89 CM)

- CAB SAUVIGNON
- MERLOT
- SAUVIGNON BLANC
- CHARDONNAY

### RUTHERFORD

MODERATELY WARM, SOMEWHAT INFLUENCED BY EARLY MORNING FOG; WESTERN BENCH IS COOLER, WITH AFTERNOON BREEZE AND LESS LATE SUN. PEAK SUMMER TEMPS. ARE MID- 90°S F (35°C) WITH CLEAR DIURNAL SWINGS

WEST SIDE IS SEDIMENTARY, GRAVELLY-SANDY AND ALLUVIAL, WITH GOOD WATER RETENTION AND MODERATE FERTILITY; EAST SIDE HAS MORE VOLCANIC SOILS, MODERATELY DEEP, FERTILE

SEA LEVEL TO  
600 FT (186 M)

38 INCHES  
(97 CM)

- CAB SAUVIGNON
- MERLOT
- SAUVIGNON BLANC

### SAINT HELENA

WARM, DUE TO PROTECTION FROM WESTERN HILLS; LESS FOG AND WIND; NARROWING OF THE VALLEY FLOOR PROVIDES MORE HEAT REFLECTION OFF THE HILLSIDES. TEMPS. CAN PEAK IN MID-TO-HIGH 90°F (35-37°C) RANGE.

SOUTH & WEST BORDERS ARE MORE SEDIMENTARY, GRAVEL-CLAY SOILS, WITH LOWER FERTILITY AND MODERATE WATER RETENTION; NORTH & EAST SOILS PREVALENTLY VOLCANIC, DEEPER & FERTILE.

100 TO 700 FT  
(31 TO 217 M)

38 - 40 INCHES  
(97 - 102 CM)

- CAB SAUVIGNON
- MERLOT
- ZINFANDEL
- SAUVIGNON BLANC

### CHILES VALLEY

SUMMER TEMPS. GENERALLY PEAK IN THE MID-80S°F (29°C). COOLING FOG LATER IN THE EVENING ENSURES TEMPS. FALL TO 50°F (10°C) OR LOWER AT NIGHT; COLDER WINTER AND SPRING, WITH STRONG WINDS. HARVEST COMES LATER.

FLOOR IS PRIMARILY ALLUVIAL SOIL; SILTY-CLAY OF MARINE ORIGIN WITH GOOD FERTILITY. HILLSIDES MORE CLAY-LOAM AND STONY-CLAY, MOSTLY MARINE ORIGIN WITH SOME VOLCANIC OUTCROPPING

600 TO 1200 FT  
(183 TO 370 M)

35 INCHES  
(88 CM)

- CAB SAUVIGNON
- MERLOT
- SAUVIGNON BLANC
- ZINFANDEL

### CALISTOGA

SUMMER TEMPS. UP TO 100°F BUT FALL TO THE LOW 50S°F (11°C) AT NIGHT, DUE TO MARINE AIR COMING FROM THE NORTHWEST AND COOL AFTERNOON & EVENING BREEZES AS WELL AS COLD AIR PUSHED DOWN THE MOUNTAIN ON CLEAR NIGHTS.

ALMOST COMPLETELY VOLCANIC, SOILS RANGE FROM ROCKY, STONY LOAM ON THE HILLSIDES, TO GRAVELLY OR COBBLY LOAMS ON THE ALLUVIAL FANS, TO HEAVIER CLAY-SILT SOILS IN THE VALLEY CENTER AREAS

300 TO 1200 FT  
(92 TO 370 M)

38 - 60 INCHES  
(96 - 150 CM)

- CAB SAUVIGNON
- ZINFANDEL
- SAUVIGNON BLANC
- MERLOT