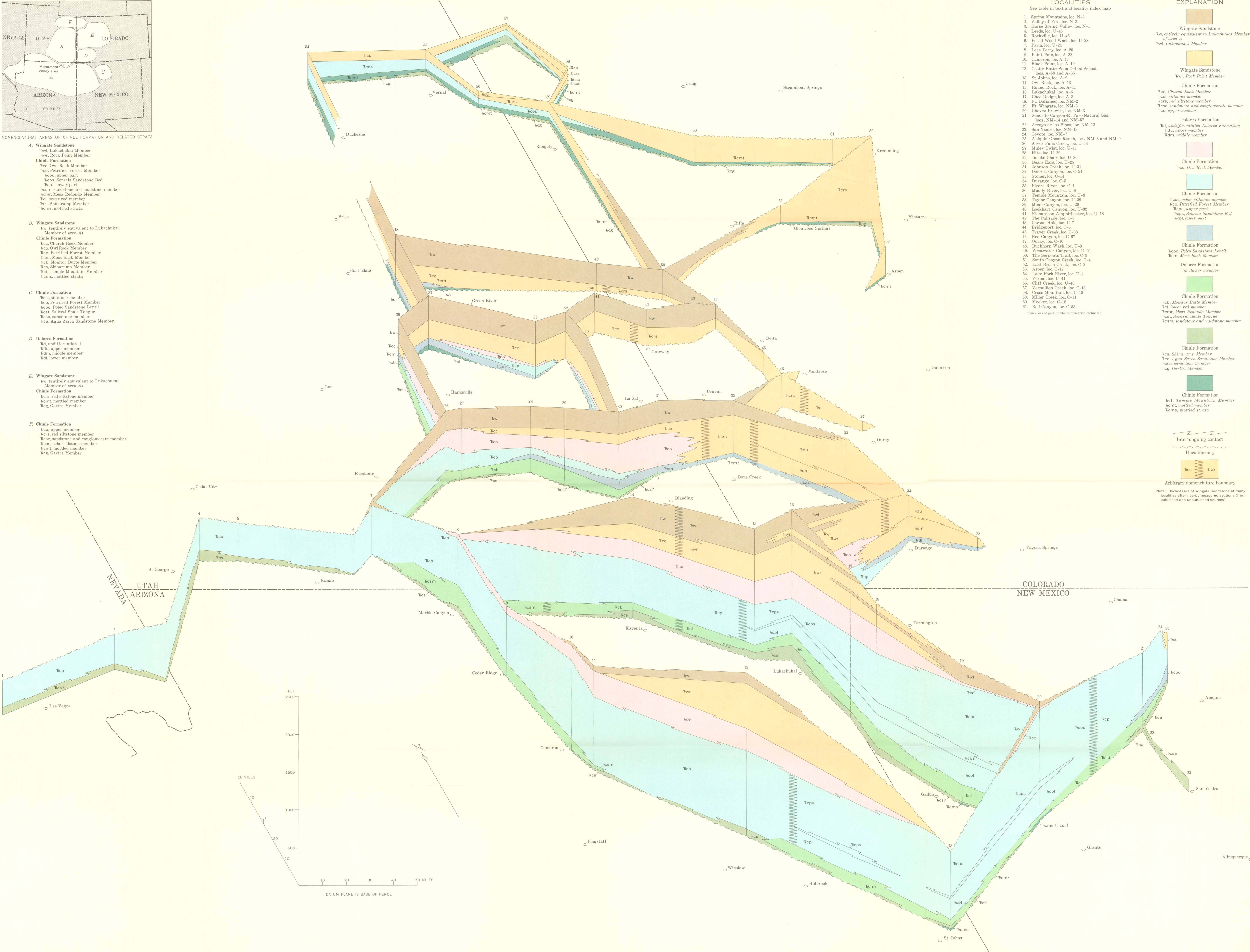


NOMENCLATURAL AREAS OF CHINLE FORMATION AND RELATED STRATA

- A. Wingate Sandstone**  
Tw, Lakachukai Member  
Twr, Rock Point Member
- Chinle Formation**  
Tco, Owl Rock Member  
Tcp, Petrified Forest Member  
Tcu, upper part  
Tcps, Sonora Sandstone Bed  
Tcpl, lower part  
Tcsm, sandstone and mudstone member  
Tcmr, Mesa Redondo Member  
Tcl, lower red member  
Tcs, Shinarump Member  
Tcms, mottled strata
- B. Wingate Sandstone**  
Tw (entirely equivalent to Lakachukai Member of area A)
- Chinle Formation**  
Tcc, Church Rock Member  
Tco, Owl Rock Member  
Tcp, Petrified Forest Member  
Tcm, Moss Back Member  
Tcb, Monitor Butte Member  
Tcs, Shinarump Member  
Tct, Temple Mountain Member  
Tcms, mottled strata
- C. Chinle Formation**  
Tcs, siltstone member  
Tcp, Petrified Forest Member  
Tco, Palo Verde Sandstone Lenticle  
Tct, Salitral Shale Tongue  
Tcsa, sandstone member  
Tca, Agua Zarca Sandstone Member
- D. Dolores Formation**  
Tdu, undifferentiated  
Tdu, upper member  
Tdm, middle member  
Tdl, lower member
- E. Wingate Sandstone**  
Tw (entirely equivalent to Lakachukai Member of area A)
- Chinle Formation**  
Tcs, red siltstone member  
Tcmr, mottled member  
Tcg, Garita Member
- F. Chinle Formation**  
Tcu, upper member  
Tcs, red siltstone member  
Tcsa, sandstone and conglomerate member  
Tcos, other siltstone member  
Tcmr, mottled member  
Tcg, Garita Member

- LOCALITIES**  
See table in text and locality index map
1. Spring Mountains, loc. N-2
  2. Valley of Fire, loc. N-3
  3. Horse Spring Valley, loc. N-1
  4. Leola, loc. U-45
  5. Rockville, loc. U-46
  6. Fossil Wood Wash, loc. U-23
  7. Paria, loc. U-24
  8. Lees Ferry, loc. A-20
  9. Paint Pots, loc. A-22
  10. Cameron, loc. A-17
  11. Black Point, loc. A-10
  12. Castle Butte-Santa Dulcay School, locs. A-58 and A-66
  13. St. Johns, loc. A-9
  14. Owl Rock, loc. A-13
  15. Round Rock, loc. A-41
  16. Lakachukai, loc. A-4
  17. Chee Dodge, loc. A-3
  18. Ft. Defiance, loc. NM-2
  19. Ft. Wingate, loc. NM-3
  20. Cheves-Prewitt, loc. NM-3
  21. Senorita Canyon-EI Paso Natural Gas, locs. NM-14 and NM-57
  22. Arroyo de los Pinos, loc. NM-12
  23. San Ysidro, loc. NM-13
  24. Coyote, loc. NM-7
  25. Abiqui-Ghost Ranch, locs. NM-6 and NM-9
  26. Silver Falls Creek, loc. U-14
  27. Muley Twist, loc. U-11
  28. Hite, loc. U-29
  29. Jacobs Chair, loc. U-30
  30. Bears Ears, loc. U-25
  31. Johnson Creek, loc. U-31
  32. Dolores Canyon, loc. C-21
  33. Stunner, loc. C-14
  34. Durango, loc. C-5
  35. Piedra River, loc. C-1
  36. Moody River, loc. U-4
  37. Temple Mountain, loc. U-8
  38. Taylor Canyon, loc. U-39
  39. Moab Canyon, loc. U-30
  40. Lockhart Canyon, loc. U-32
  41. Richardson Amphitheater, loc. U-18
  42. The Palisade, loc. C-8
  43. Carson Hole, loc. C-7
  44. Bridgeport, loc. C-6
  45. Traver Creek, loc. C-38
  46. Red Canyon, loc. C-47
  47. Ouray, loc. C-16
  48. Buckhorn Wash, loc. U-3
  49. Westwater Canyon, loc. U-21
  50. The Serpents Trail, loc. C-9
  51. South Canyon Creek, loc. C-4
  52. East Brush Creek, loc. C-2
  53. Aspen, loc. C-17
  54. Lake Fork River, loc. U-1
  55. Vernal, loc. U-41
  56. Cliff Creek, loc. U-40
  57. Vermillion Creek, loc. C-13
  58. Cross Mountain, loc. C-10
  59. Miller Creek, loc. C-11
  60. Meeker, loc. C-18
  61. Red Canyon, loc. C-53
- EXPLANATION**
- Wingate Sandstone  
Tw, entirely equivalent to Lakachukai Member of area A  
Tw, Lakachukai Member
- Chinle Formation  
Tco, Owl Rock Member  
Tcs, siltstone member  
Tcmr, Mesa Redondo Member  
Tcsa, sandstone and conglomerate member  
Tcu, upper member
- Dolores Formation  
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Tdl, lower member
- Chinle Formation  
Tcs, Shinarump Member  
Tca, Agua Zarca Sandstone Member  
Tcsa, sandstone member  
Tcg, Garita Member
- Chinle Formation  
Tct, Temple Mountain Member  
Tcmr, mottled member  
Tcms, mottled strata
- Intertonguing contact
- Unconformity
- Arbitrary nomenclature boundary
- Note: Thicknesses of Wingate Sandstone at many localities after nearby measured sections (from published and unpublished sources).



FENCE DIAGRAM OF CHINLE FORMATION AND RELATED STRATA IN THE COLORADO PLATEAU REGION