

# MAY WEAVING SAMPLE BY DOTTIE WEIR

## ANGLE OF THE TWILL: STEEP VS. RECLINING WOVEN SHIBORI

### WEAVING:

Ordinarily, when twill is woven in the traditional manner as a balanced weave, the angle of the diagonal line will be about 45 degrees. When weaving shibori there are several plain weave picks inserted between each pattern thread resulting in an increased angle of the twill.

Twills may be reclined by skipping pattern treadles in the sequence. Reclining a twill is an effective way of controlling the angle of twill patterns for woven shibori. It causes the dyed pattern to break apart slightly, while the integrity of the original draft is maintained.

Resource: Woven Shibori by Katherine Ellis, Page 49 – Figure 12

Sett: 24 EPI, 12 dent reed, 2 per dent , 600 ends, 25" wide on the loom,

Warp: 10/2 Tencel @ 4200 ypp

Weft: #12 Bamboo @ 6300 ypp and other yarns changed during the weaving (green, blue, purple space dyed commercial yarn by Silk City.)

### DYEING:

Warp was dyed before beaming using a 15 step color wheel exercise in the book "Dyeing to Quilt" by Joyce Mori and Cynthia Myerberg, page 38, "Recipes for 15 step color run". I used red to blue when I dye painted, but did not use the pure hue of red or blue. Dye used was Procion MX Fiber Reactive .. Medium Blue and Carmine Red.

After the weaving was pulled up tightly, then it was dyed using Vat Dye in Black for 2 minutes. Then the supplementary threads were pulled out and the fabric washed, dried and ironed.

