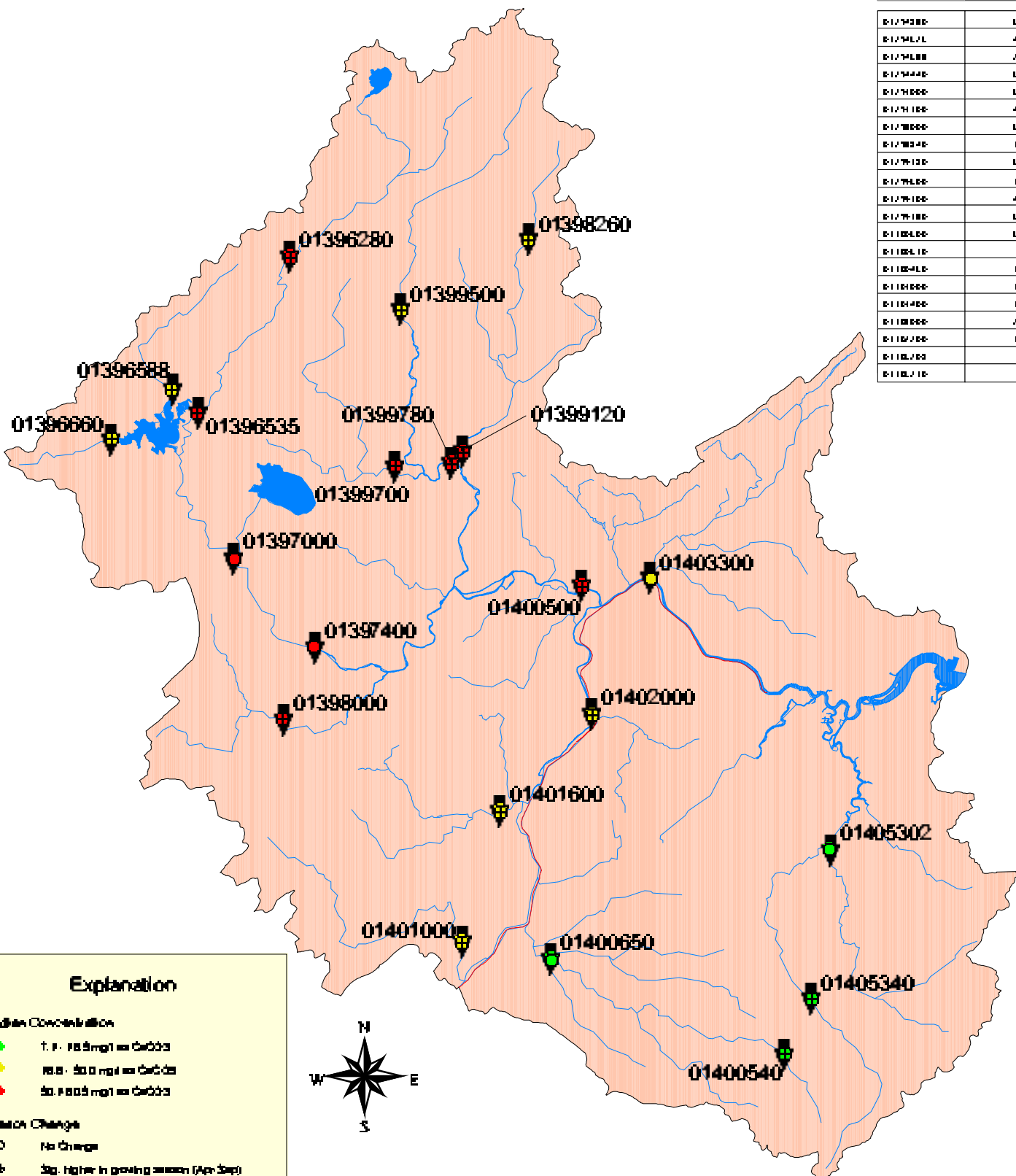


Alkalinity

Station	Alkalinity
01396588	14.00
01396660	48.00
01396535	22.00
01396280	18.00
01399780	11.00
01399700	48.00
01399500	11.00
01399120	11.00
01397400	11.00
01397000	48.00
01398000	11.00
01398260	11.00
01403300	11.00
01402000	11.00
01401600	11.00
01401000	11.00
01400500	11.00
01400650	11.00
01405302	11.00
01405340	11.00
01400540	11.00



Explanation

Median Concentration

- 1.1 - 18.0 mg/l as CaCO₃ (Green dot)
- 18.0 - 30.0 mg/l as CaCO₃ (Yellow dot)
- 30.0 - 48.0 mg/l as CaCO₃ (Red dot)

Seasonal Change

- No Change
- ⊕ 3σ higher in growing season (Apr-Sep)
- ⊖ 3σ higher in non-growing season (Oct-Mar)

Flow Change

- ⬇ 3σ higher at low flow (below median flow)
- ⬆ 3σ higher at high flow (above median flow)

— D & R Canal

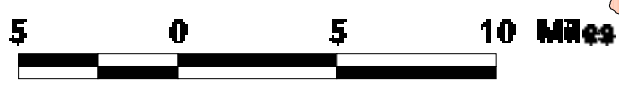
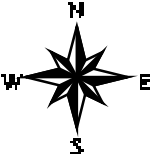


FIGURE 2. Map showing median alkalinity concentration and significant differences by season and flow condition at 21 sites in the Raritan River basin