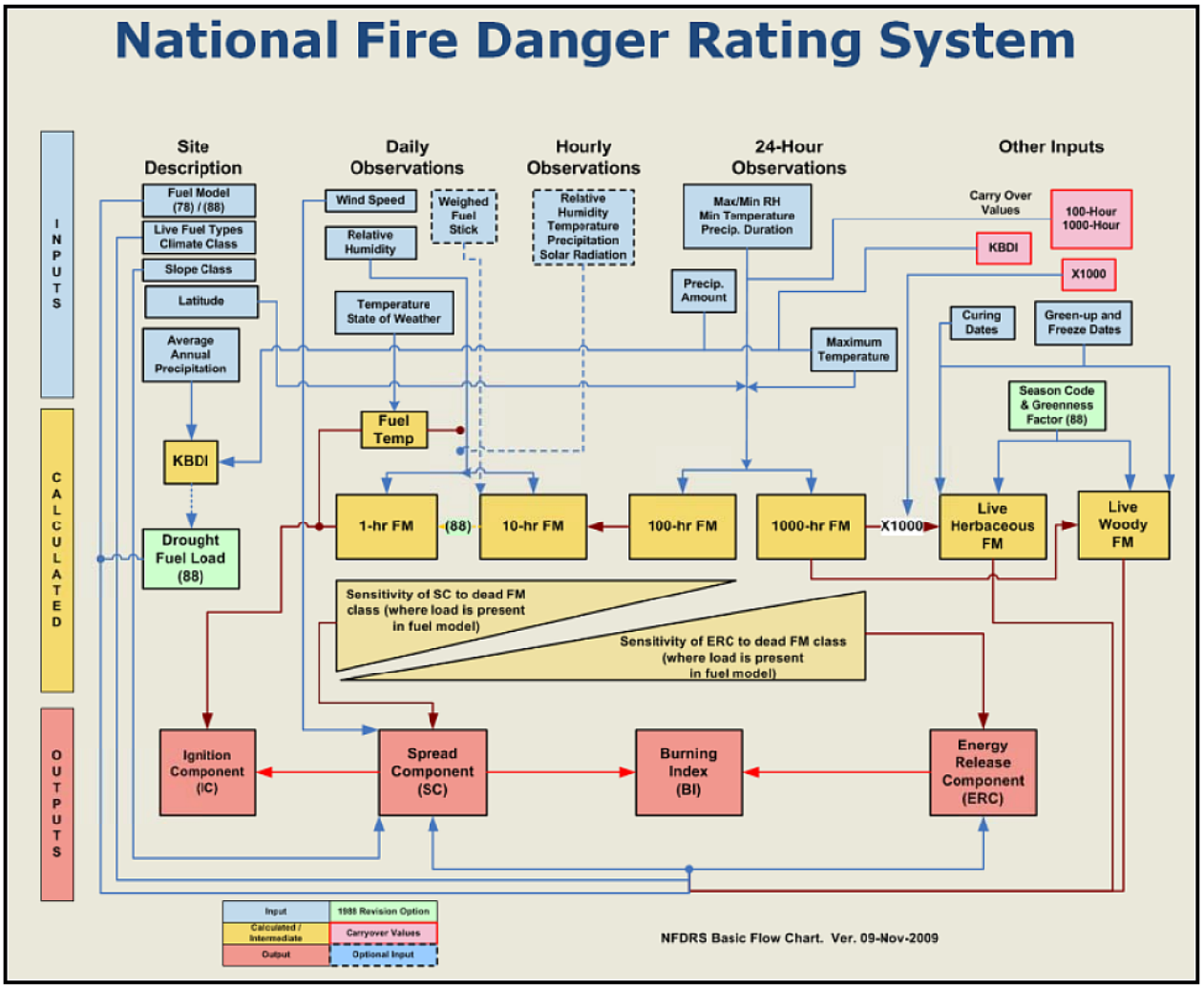
National Fire Danger Rating System
INPUTS
CALCULATED
OUTPUTS
Site Description
Daily Observations
Hourly Observations
24-Hour Observations
Other Inputs
Fuel Model (78) / (88)
Live Fuel Types Climate Class
Slope Class
Latitude
Average Annual Precipitation
Wind Speed
Relative Humidity
Weighed Fuel Stick
Temperature State of Weather
Relative Humidity Temperature Precipitation Solar Radiation
Max/Min RH Min Temperature Precip. Duration
Precip. Amount
Maximum Temperature
Carry Over Values
100-Hour 1000-Hour
KBDI
X1000
Curing Dates
Green-up and Freeze Dates
Season Code & Greenness Factor (88)
Fuel Temp
KBDI
Drought Fuel Load (88)
1-hr FM
(88)
10-hr FM
100-hr FM
1000-hr FM
X1000
Live Herbaceous FM
Live Woody FM
Sensitivity of SC to dead FM class (where load is present in fuel model)
Sensitivity of ERC to dead FM class (where load is present in fuel model)
Ignition Component (IC)
Spread Component (SC)
Burning Index (BI)
Energy Release Component (ERC)
Input
1988 Revision Option
Calculated / Intermediate
Carryover Values
Output
Optional Input
NFDRS Basic Flow Chart. Ver. 09-Nov-2009