

## SUBROUTINE OPETCK

### Description

This subroutine checks to see which ET parameter currently is being optimized and if the other parameter also has been included for optimization.

### Calling Sequence

CALL OPETCK (P, MP, OA, MOA, A, MA, PARM, ILOCOA, MILOC, JB, ETHIGH, ETLOW, NPARM, OPNEW)

### Argument List

<u>Variable</u>	<u>Input/ Output</u>	<u>Type</u>	<u>Dimension</u>	<u>Description</u>
P	Input	R	MP	The entire P array
MP	Input	I	1	The dimension of the P array
OA	Input	R	MOA	The entire OA array. Contains the information for each of the parameters to be optimized
MOA	Input	I	1	Dimension of the OA array
A	Input	R	MA	The array containing the initial values of the parameters to be optimized
MA	Input	I	1	Dimension of the A array
PARM	Input	R	2	8-character identifier for the parameter
ILOCOA	Input	1	MILOC	An integer array containing pointers to the beginning of the OA array for each parameter
MILOC	Input	I	1	Dimension of the OA array
JB	Input	I	1	Parameter from the A array being optimized
ETHIGH	Output	R	1	The upper ET adjustment parameter that is being optimized and is used here to compute a new evaporation curve
ETLOW	Output	R	1	The lower ET adjustment parameter that is being optimized and is used here to compute a new evaporation curve
NPARM	Input	I	1	Number of parameters to be optimized
OPNEW	Input	R	2	Operation name