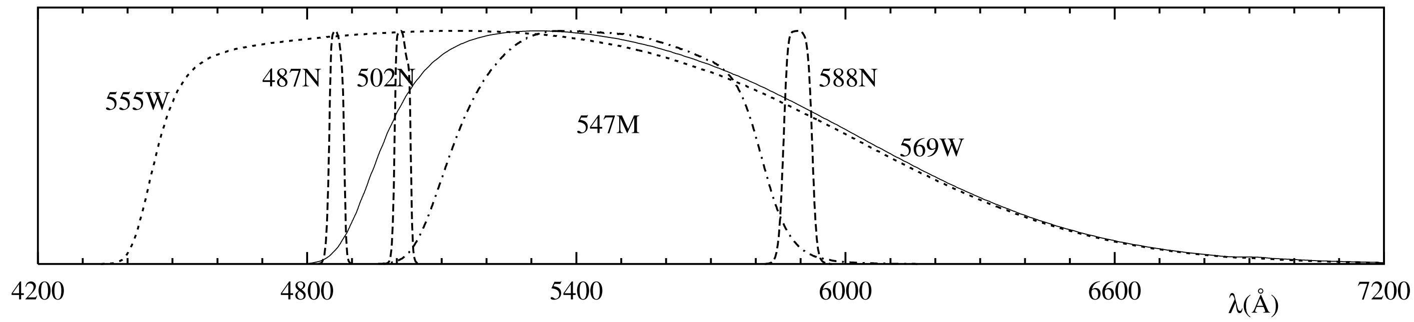
WFPC2 HST - 1993 (continues)



487N

				B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
$\lambda_c = 4866$	$\lambda_\circ = 4865$	$\lambda_{peak} = 4863$	$\lambda_{gauss} = 4865$	4865	4866	4865	4865	4866	4864
WHM = 34	W10% = 46	W80% = 27	FWHM = 32	[34]	[34]	[34]	[34]	[34]	[33]
$W_\circ = 34$	$\frac{A(\lambda)}{A(V)}\vert_{5.0} = 1.12\,^{1.10}_{1.15}$	$a = {}^{1.016}_{1.016}$ $b = {}^{0.457}_{0.457}$ *B3*		*WN*	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
$\mu = 11$	$\frac{A(\lambda)}{A(V)}\vert_{3.1} = 1.19\,^{1.17}_{1.25}$	$a = {}^{1.016}_{1.016}$ $b = {}^{0.457}_{0.457}$ *Sun*		4864	4864	4861	4863	4863	4866
$I_{asym} = -0.04$	$\frac{A(\lambda)}{A(V)}\vert_{2.1} = 1.28\,^{1.25}_{1.37}$	$\frac{A(\lambda)}{E(B-V)}$: $(3.623, 0.068)^{r=1.00}_{B3}$		$(3.892, 0.086)^{r=1.00}_{Sun}$	$(4.445, 0.074)^{r=1.00}_{M2}$				
$I_{kurt} = -0.70$	$\lambda_{eff} = 4865.1 + 0.1 \times E(B-V)$ $r{=}1.00$			$W_{eff} = 33.9 - 0.0 \times E(B-V)$ $r{=}{-0.96}$					
	$\lambda_{eff}(T) = 4865 + 0 \times \theta + 0 \times \theta^2 - 0 \times \theta^3$			$W_{eff}(T) = 34 + 0 \times \theta - 0 \times \theta^2 - 0 \times \theta^3$					

502N

				B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
$\lambda_c = 5012$	$\lambda_\circ = 5012$	$\lambda_{peak} = 5009$	$\lambda_{gauss} = 5012$	5012	5012	5012	5012	5012	5007
WHM = 36	W10% = 46	W80% = 30	FWHM = 34	[36]	[36]	[36]	[36]	[36]	[30]
$W_\circ = 36$	$\frac{A(\lambda)}{A(V)}\vert_{5.0} = 1.09\,^{1.08}_{1.12}$	$a = {}^{1.016}_{1.016}$ $b = {}^{0.318}_{0.318}$ *B3*		*WN*	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
$\mu = 11$	$\frac{A(\lambda)}{A(V)}\vert_{3.1} = 1.14\,^{1.12}_{1.20}$	$a = {}^{1.016}_{1.016}$ $b = {}^{0.318}_{0.318}$ *Sun*		5012	5013	5007	5010	5008	5012
$I_{asym} = 0.03$	$\frac{A(\lambda)}{A(V)}\vert_{2.1} = 1.21\,^{1.18}_{1.30}$	$\frac{A(\lambda)}{E(B-V)}$: $(3.481, 0.065)^{r=1.00}_{B3}$		$(3.740, 0.083)^{r=1.00}_{Sun}$	$(4.272, 0.071)^{r=1.00}_{M2}$				
$I_{kurt} = -0.83$	$\lambda_{eff} = 5012.3 + 0.1 \times E(B-V)$ $r{=}1.00$			$W_{eff} = 35.7 - 0.0 \times E(B-V)$ $r{=}{-0.96}$					
	$\lambda_{eff}(T) = 5012 + 0 \times \theta + 0 \times \theta^2 - 0 \times \theta^3$			$W_{eff}(T) = 36 + 0 \times \theta - 0 \times \theta^2 - 0 \times \theta^3$					

547M

				B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
$\lambda_c = 5466$	$\lambda_\circ = 5466$	$\lambda_{peak} = 5367$	$\lambda_{gauss} = 5461$	5439	5443	5465	5484	5501	5522
WHM = 682	W10% = 840	W80% = 546	FWHM = 618	[648]	[651]	[660]	[653]	[633]	[594]
$W_\circ = 658$	$\frac{A(\lambda)}{A(V)}\vert_{5.0} = 1.01\,^{1.00}_{1.03}$	$a = {}^{1.003}_{1.001}$ $b = {}^{0.027}_{0.011}$ *B3*		*WN*	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
$\mu = 207$	$\frac{A(\lambda)}{A(V)}\vert_{3.1} = 1.01\,^{1.00}_{1.04}$	$a = {}^{1.002}_{1.000}$ $b = {}^{0.014}_{-0.001}$ *Sun*		5455	5547	5383	5465	5489	5440
$I_{asym} = 0.03$	$\frac{A(\lambda)}{A(V)}\vert_{2.1} = 1.02\,^{1.00}_{1.06}$	$\frac{A(\lambda)}{E(B-V)}$: $(3.112, 0.045)^{r=1.00}_{B3}$		$(3.320, 0.058)^{r=1.00}_{Sun}$	$(3.756, 0.044)^{r=1.00}_{M2}$				
$I_{kurt} = -0.93$	$\lambda_{eff} = 5465.4 + 33.0 \times E(B-V)$ $r{=}1.00$			$W_{eff} = 665.1 - 27.4 \times E(B-V)$ $r{=}{-0.97}$					
	$\lambda_{eff}(T) = 5434 + 50 \times \theta + 48 \times \theta^2 - 24 \times \theta^3$			$W_{eff}(T) = 643 + 59 \times \theta - 53 \times \theta^2 - 18 \times \theta^3$					

555W

				B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
$\lambda_c = 5262$	$\lambda_\circ = 5331$	$\lambda_{peak} = 5166$	$\lambda_{gauss} = 5221$	5160	5183	5299	5396	5544	5675
WHM = 1588	W10% = 2176	W80% = 1201	FWHM = 1482	[1446]	[1476]	[1563]	[1533]	[1351]	[1065]
$W_\circ = 1577$	$\frac{A(\lambda)}{A(V)}\vert_{5.0} = 1.02\,^{0.99}_{1.04}$	$a = {}^{1.014}_{1.007}$ $b = {}^{0.199}_{0.065}$ *B3*		*WN*	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
$\mu = 541$	$\frac{A(\lambda)}{A(V)}\vert_{3.1} = 1.03\,^{1.00}_{1.06}$	$a = {}^{1.010}_{0.999}$ $b = {}^{0.105}_{-0.010}$ *Sun*		5130	5180	5149	5380	5199	5177
$I_{asym} = 0.43$	$\frac{A(\lambda)}{A(V)}\vert_{2.1} = 1.05\,^{1.00}_{1.09}$	$\frac{A(\lambda)}{E(B-V)}$: $(3.382, -0.029)^{r=-1.00}_{B3}$		$(3.506, -0.031)^{r=-1.00}_{Sun}$	$(3.758, -0.055)^{r=-1.00}_{M2}$				
$I_{kurt} = -0.43$	$\lambda_{eff} = 5330.0 + 231.4 \times E(B-V)$ $r{=}1.00$			$W_{eff} = 1640.4 - 309.3 \times E(B-V)$ $r{=}{-0.99}$					
	$\lambda_{eff}(T) = 5127 + 291 \times \theta + 412 \times \theta^2 - 199 \times \theta^3$			$W_{eff}(T) = 1357 + 1005\ \theta - 1292\ \theta^2 + 145\ \theta^3$					

569W

				B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
$\lambda_c = 5520$	$\lambda_\circ = 5600$	$\lambda_{peak} = 5326$	$\lambda_{gauss} = 5501$	5498	5510	5580	5638	5713	5812
WHM = 1107	W10% = 1722	W80% = 718	FWHM = 1054	[1070]	[1080]	[1111]	[1097]	[1015]	[907]
$W_\circ = 1121$	$\frac{A(\lambda)}{A(V)}\vert_{5.0} = 0.98\,^{0.98}_{0.99}$	$a = {}^{1.000}_{0.992}$ $b = {}^{-0.002}_{-0.051}$ *B3*		*WN*	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
$\mu = 429$	$\frac{A(\lambda)}{A(V)}\vert_{3.1} = 0.97\,^{0.97}_{0.98}$	$a = {}^{0.995}_{0.986}$ $b = {}^{-0.038}_{-0.085}$ *Sun*		5550	5619	5272	5714	5358	5503
$I_{asym} = 0.64$	$\frac{A(\lambda)}{A(V)}\vert_{2.1} = 0.96\,^{0.95}_{0.97}$	$\frac{A(\lambda)}{E(B-V)}$: $(3.083, 0.011)^{r=0.97}_{B3}$		$(3.244, 0.015)^{r=1.00}_{Sun}$	$(3.585, -0.012)^{r=-0.95}_{M2}$				
$I_{kurt} = 0.07$	$\lambda_{eff} = 5595.9 + 142.8 \times E(B-V)$ $r{=}1.00$			$W_{eff} = 1155.4 - 143.0 \times E(B-V)$ $r{=}{-0.98}$					
	$\lambda_{eff}(T) = 5480 + 158 \times \theta + 216 \times \theta^2 - 82 \times \theta^3$			$W_{eff}(T) = 1043 + 307 \times \theta - 295 \times \theta^2 - 79 \times \theta^3$					

588N

				B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
$\lambda_c = 5894$	$\lambda_\circ = 5893$	$\lambda_{peak} = 5893$	$\lambda_{gauss} = 5893$	5893	5893	5893	5893	5892	5893
WHM = 64	W10% = 86	W80% = 52	FWHM = 61	[65]	[65]	[65]	[65]	[65]	[66]
$W_\circ = 65$	$\frac{A(\lambda)}{A(V)}\vert_{5.0} = 0.94\,^{0.93}_{0.97}$	$a = {}^{0.971}_{0.971}$ $b = {}^{-0.143}_{-0.143}$ *B3*		*WN*	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
$\mu = 21$	$\frac{A(\lambda)}{A(V)}\vert_{3.1} = 0.91\,^{0.89}_{0.95}$	$a = {}^{0.971}_{0.971}$ $b = {}^{-0.143}_{-0.143}$ *Sun*		5889	5888	5881	5890	5889	5893
$I_{asym} = -0.00$	$\frac{A(\lambda)}{A(V)}\vert_{2.1} = 0.87\,^{0.84}_{0.93}$	$\frac{A(\lambda)}{E(B-V)}$: $(2.767, 0.052)^{r=1.00}_{B3}$		$(2.973, 0.066)^{r=1.00}_{Sun}$	$(3.397, 0.056)^{r=1.00}_{M2}$				
$I_{kurt} = -0.73$	$\lambda_{eff} = 5893.4 + 0.3 \times E(B-V)$ $r{=}1.00$			$W_{eff} = 65.4 - 0.0 \times E(B-V)$ $r{=}{-0.96}$					
	$\lambda_{eff}(T) = 5893 + 0 \times \theta + 0 \times \theta^2 - 0 \times \theta^3$			$W_{eff}(T) = 65 + 0 \times \theta - 0 \times \theta^2 - 0 \times \theta^3$					

(continues) ⇒